

Faculty Vote to Kill Second-Term P/NR For Spring of 2003

By Jennifer Krishnan
ASSOCIATE NEWS EDITOR

About 100 faculty members voted unanimously on Wednesday to eliminate second-term Pass/ No Record for the 2002-2003 class year.

A motion to delay the changes by one academic year was defeated after 30 minutes of discussion. The motion, urged by Undergraduate Association President Peter A. Shulman '01 and introduced by former MIT President and Professor Emeritus Paul E. Gray '54, earned support from about one-fourth of the faculty members present.

In addition, the faculty agreed to allow sophomores to designate one subject per term as "exploratory." Students taking an exploratory subject will have the option of switching to listener status for that subject after seeing their grades at the end of the term.

UA asks for one-year delay

In urging a one-year delay in the elimination of second-term Pass/ No Record, Shulman pointed to the Interfraternity Council's preparations

for rush in 2002, when all freshmen will be housed in dormitories. "Changing the grading system at [the same] time will hinder the work they have done" so far, he said.

In addition, about 850 undergraduates have signed a petition asking the faculty to delay the implementation of the proposed changes, Shulman said.

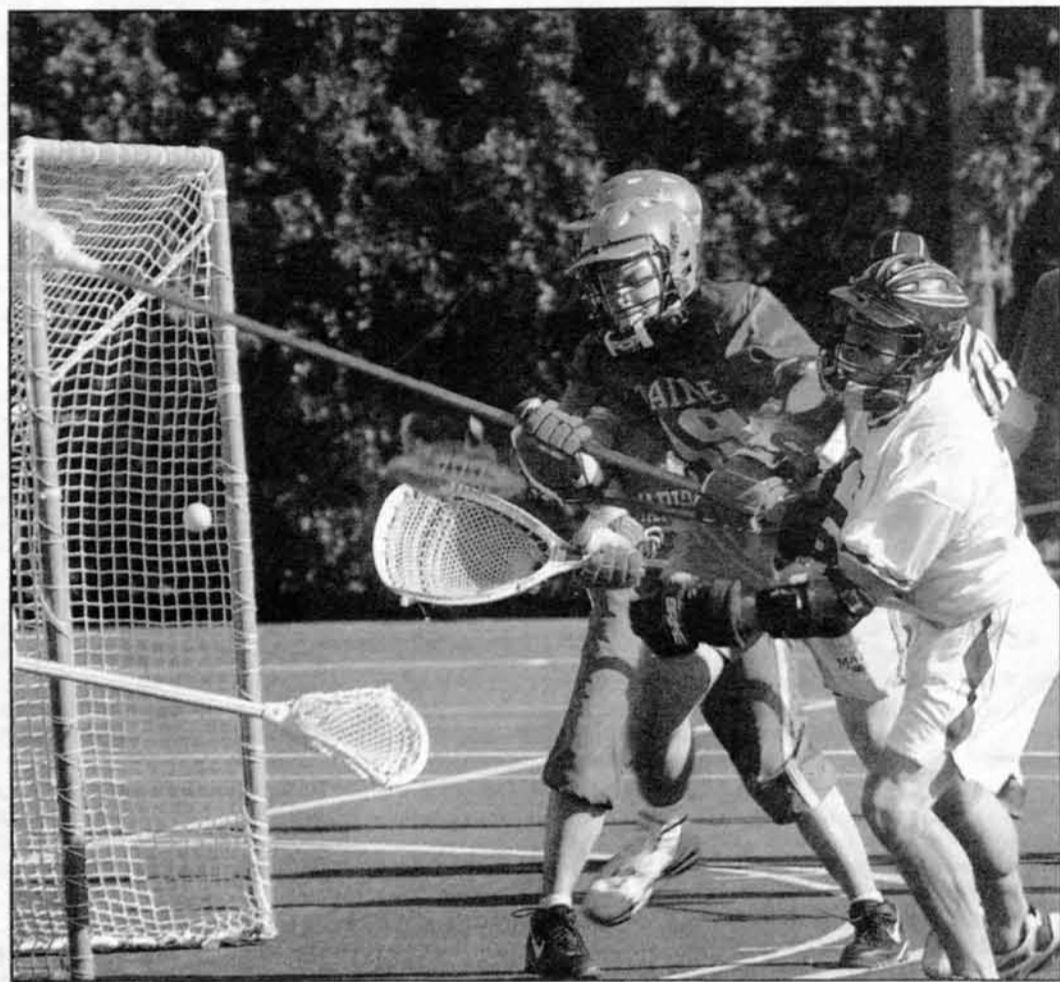
Gray supported Shulman's recommendation. "We've had Pass/ No Record for 30 years," he said. "One more year is not going to make much [of a] difference."

Making just one change would have a very strong impact, and making "two at once" will be more than twice as severe," said Graduate Student Council Vice President Ryan J. Kershner.

Chair of the Committee on the Undergraduate Program Robert L. Jaffe said that the proposed change was "long overdue" and should be implemented promptly.

Professor Arthur Steinberg spoke of being "bothered" by the perfor-

Faculty Meeting, Page 24



Brent M. Schreiber '03 bulldozes through the Maine Maritime Academy Mariners' defense. The Engineers dominated Saturday's game, winning 15-7 over Maine. More sports on the back page.

MIT Ready To Set Rent For NW30

GSC, Deans Debate
Over Cost of Living

By Rima Arnaout
NEWS EDITOR

Deans will meet with graduate students today to set the rent for Building NW30, the warehouse on Albany Street that is currently being converted into a graduate dormitory for first-year students this fall.

The meeting is one step in MIT's effort to provide graduate students with affordable housing in the face of ever-increasing prices in the local housing market.

Dean for Student Life Larry G. Benedict, along with Dean for Graduate Students Isaac M. Colbert and members of the Housing Office, will give the official figure at the end of today's meeting, Benedict said.

Grad students push for lower rent

According to Graduate Student Council President Soulaymane Kachani, who has taken part in preliminary conversations about NW30's rent, the price considered so far for its one-bedroom efficiencies is about \$850 a month.

"First-years cannot afford that. First-year stipends are significantly

EPA, MIT Reach Agreement over Violations

By Dana Levine
EXECUTIVE EDITOR

MIT agreed on Wednesday to pay \$150,000 in fines to the Environmental Protection Agency and has announced a \$405,000 series of environmental improvement programs.

These initiatives will include web-based safety education and collaboration with teachers from Cambridge public schools.

An EPA inspection in May 1998 showed that MIT laboratories violated several environmental regulations, including the Resource Conservation and Recovery Act's hazardous waste requirements, the Clean Air Act, and the Clean Water Act. Although the violations did not cause any actual harm to the environment, the EPA levied several fines.

Jamie Lewis Keith, the managing director for environmental programs and risk management senior counsel, said that most of these violations involved the storage and disposal of hazardous chemicals and record keeping issues. "The regulations are very detailed about the labels that need to be on containers. ... If you look at the number of labs, 2,200, the number of violations

wasn't too great," she said.

Violations common at universities

Katherine Smith, a senior enforcement counsel with the EPA, said that many universities do not meet EPA regulations for waste management. She described MIT's level of violations as being "in the

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Chomsky Speaks About U.S. Role In United Nations

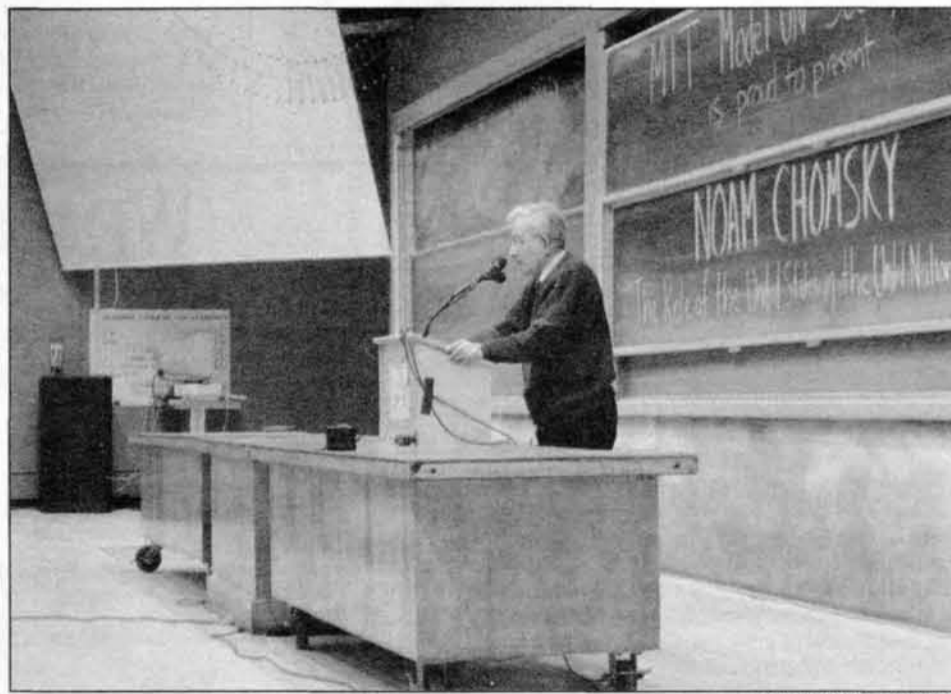
By Shankar Mukherji
ASSOCIATE NEWS EDITOR

In a presentation highlighting the often duplicitous role of the United States in the United Nations, Institute Professor Noam Chomsky addressed a nearly packed 26-100 on Tuesday.

Chomsky centered his argument around what he believes to be the United Nations' lack of independence from the globe's major powers.

"There are plenty of valid criticisms against the UN," said Chomsky, "but the major issue is that the UN can [only] function insofar as the great powers permit it to."

Armed with a mountain of publicly available evidence, Chomsky showed a repeated pattern of



Institute Professor Noam A. Chomsky addresses a packed audience attending the MIT Model United Nations' lecture in 26-100 Tuesday night.

Chomsky, Page 21



The Royal
National The-
atre of Lon-
don presents
Hamlet.

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Comics

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An interim report on residence-based advising released Wednesday cites strengths in the pilot programs.

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WORLD & NATION

Bush to Pursue Free Trade At Quebec City Summit

THE WASHINGTON POST

WASHINGTON

President Bush lands today in Quebec City, Canada, for a 34-nation summit, where he hopes to invigorate his push in Congress for authority to negotiate a Western Hemisphere trade agreement and other accords.

Bush campaigned as a free trader, but the issue was not one of his top six priorities. Now, with his tax cut and education plan moving through Congress, he plans to turn to his bid for "trade promotion authority," also known as fast-track authority, under which lawmakers agree to vote trade pacts up or down without amendments.

U.S. Trade Representative Robert Zoellick said the White House is ready to commit political capital to winning this authority, and he expects to get it this year. "I've now got trade as one of the key items on the legislative agenda for this year," Zoellick said.

Bush faces a tough sell at home. Democrats are insisting that as a condition for their approval of fast track authority, future trade deals must include provisions requiring participating countries to maintain high standards on worker rights and the environment.

Taiwan Weighs Weapons Options

THE WASHINGTON POST

TAIPEI, TAIWAN

As the Bush administration weighs a major arms sale to Taiwan, the Taiwanese government and private security experts here are divided over whether the controversial Aegis advanced radar system should be part of the package.

Foreign Minister Tien Hung-mao said in an interview that his government's quest to obtain the Aegis system weapon has become "incredibly politicized" in Taiwan, indicating that although he supports buying the system, now might not be the time because of the potential cost in relations among Beijing, Washington and Taipei.

President Chen Shui-bian has made known he unreservedly supports the Aegis purchase. But within the Taiwanese armed forces, the debate has been fierce, sources said.

According to reports, President Bush's aides have recommended against the Aegis sale but have urged selling other equipment including Kidd-class destroyers. Bush is scheduled to make a decision soon, a choice more politically charged since the Apr. 1 collision between a U.S. surveillance plane and a Chinese interceptor.

Sierra Pacific Plans To Scale Back Its Clear-Cutting

LOS ANGELES TIMES

SACRAMENTO, CALIF.

California's largest owner of private timberland is dramatically reducing the amount of Sierra Nevada acreage it plans to clear-cut over the next century, officials announced Thursday.

Executives at Sierra Pacific Industries said they will scale back clear-cuts by 70 percent in response to pressure from residents near its vast logging holdings.

Though the sharp change in logging practices could help wildlife, company officials said they are shifting tactics mostly because of aesthetic concerns of neighbors.

"There's a lot of good thinking people who don't like the look of a clear-cut," said Red Emmerson, owner of the Redding-based timber company. "We just want to be good neighbors. That's the reason for making this concession."

Environmentalists, however, were critical.

"What they've come up with is pretty much just window dressing," said Warren Alford, a Sierra Club conservationist. "The real problem with the forest isn't just the aesthetics, it's this dramatic fragmentation. It's affecting a number of species facing extinction."

South Africa, Manufacturers Settle over AIDS Medication

By Ann M. Simmons

LOS ANGELES TIMES

PRETORIA, SOUTH AFRICA

The world's biggest drug companies dropped their controversial lawsuit against the South African government Thursday, paving the way for this country to provide cheaper, generic versions of medication, including those to combat AIDS.

The Pharmaceutical Manufacturers Association, on behalf of 39 drug companies, unconditionally withdrew its challenge to legislation — passed in 1997 but not yet implemented — that allows the government to make or buy cheaper copies of patented drugs.

The outcome is seen by human rights and health activists as a significant step in the fight to secure treatment for millions of Africans infected with HIV, the virus that can lead to acquired immune deficiency syndrome, and it is expected to help developing nations obtain less expensive medicine.

The settlement allows South Africans "to pursue policies that we believe are critical to securing medicines at affordable rates and exercising wise control over them," said Health Minister Manto Tshabalala-Msimang. "We have undertaken to

include pharmaceutical manufacturers in such initiatives, where appropriate, and we fully intend to pursue this course of action."

The drug companies, which include giants Merck & Co., Bristol-Myers Squibb Co., GlaxoSmithKline and Boehringer Ingelheim, had claimed that a section of the 1997 law that allows South Africa to import or make cheaper drugs overrode their patent rights. The patents are necessary, they said, to encourage drug research.

Anti-AIDS campaigners, who packed the Pretoria courtroom, burst into song and dance when a lawyer for the drug companies announced the settlement and agreed to pay the estimated \$286,000 cost of the case.

"There is no doubt that they have received a black eye," Mark Heywood, a spokesman for the lobbying group Treatment Action Campaign, said of the drug companies. "And I think it will embolden people in developing countries around the world to stand up for medicines that are affordable."

"What happened in the courtroom will send a very strong signal that governments have a right to put their people first," said Kevin Watkins of the British charity Oxfam.

Tshabalala-Msimang said the government had not agreed to any deals in exchange for the withdrawal of the lawsuit. The agreement was brokered during talks involving U.N. Secretary-General Kofi Annan and South African President Thabo Mbeki, she said.

The health minister said South Africa had reiterated its pledge to honor international trade agreements when implementing the law and had invited members of the pharmaceutical industry and the public to help draft the regulations governing the law.

"It's a partnership. It's a settlement, and it's based on trust," said Mirryena Deeb, chief executive of the Pharmaceutical Manufacturers Association.

"This settlement meets the objectives of both the South African government and the pharmaceutical industry," added GlaxoSmithKline chief executive Jean-Pierre Garnier in a statement. "But it is my fervent hope that the real winners will be patients."

GlaxoSmithKline's South African head, John Kearney, said the ball was now in South Africa's court to deliver anti-AIDS drugs to its people.

Post-Collision Talks Inconclusive

No Accord Reached Between U.S., China Regarding Spy Plane

By Henry Chu and Paul Richter

LOS ANGELES TIMES

BEIJING

Two days of tough talks between the United States and China concerning American surveillance flights concluded Thursday without word of an agreement on key issues separating the two sides.

Officials of the two countries characterized the second day of discussions as frank and productive, but neither side achieved its stated goal. Beijing is seeking to halt U.S. aerial surveillance missions off the Chinese coast; Washington wants the return of a damaged Navy spy plane stuck in southern China after its midair collision Apr. 1 with a Chinese fighter jet.

U.S. officials gave the Chinese written proposals for returning the EP-3 reconnaissance plane. They suggested sending technical experts to repair the aircraft and fly it home from Hainan island or disassembling it and returning it in containers.

U.S. officials said they expect to continue discussions through regular diplomatic channels in the days ahead, as soon as Chinese officials receive instructions from their superiors. A meeting scheduled for Monday was postponed to allow the two sides to prepare their positions, officials said.

Peter Verga, the lead U.S. negotiator, called Thursday's session "very productive." He said officials "covered all the items that were on the agenda" in the 2 1/2-hour meeting. Verga, a deputy undersecretary of defense, and his seven-member team are returning to Washington

Friday.

Each side blames the other for the Apr. 1 collision, which killed the pilot of the Chinese aircraft, Lt. Cmdr. Wang Wei. The 24 crew members of the EP-3 were detained for 11 days after the incident, until a carefully negotiated letter from the United States secured their release.

Chinese officials presented video clips Thursday to illustrate what they say is their "very convincing" evidence that the U.S. side was at fault.

Taking a page from the Pentagon's playbook, the Foreign Ministry produced video images of previous encounters between what appeared to be U.S. and Chinese fighter jets, saying the footage showed aggressive flying tactics used by the Americans. The video was put forward to counter the Pentagon's release last week of footage showing a Chinese airman purportedly engaging in reckless flying behavior.

WEATHER

Another April Weekend

By Efen Gutierrez

STAFF METEOROLOGIST

Unlike the unusual early morning snow flurries we had two days ago, the weather for the weekend will be close to average.

A warm front from the Great Lakes will be moving into the area, increasing temperatures and humidity levels. With this warmer air and higher humidity, light April showers may develop. The warm, moist air mass will control the weather for the rest of the week, with isolated showers remaining a possibility for the whole weekend.

This weekend may be a sign of spring's arrival in Boston, but do not be fooled into believing temperatures will remain high. Early next week, another cold front will enter the area, bring cloudy and rainy skies for the week. Put off the installation of those air-conditioners until early May, when temperatures often begin to rise significantly.

Weekend Outlook

Friday: Partly cloudy skies with increasing humidity. High of 64°F (18°C).

Friday Night: Increasing chance of showers. Low 43°F (6°C).

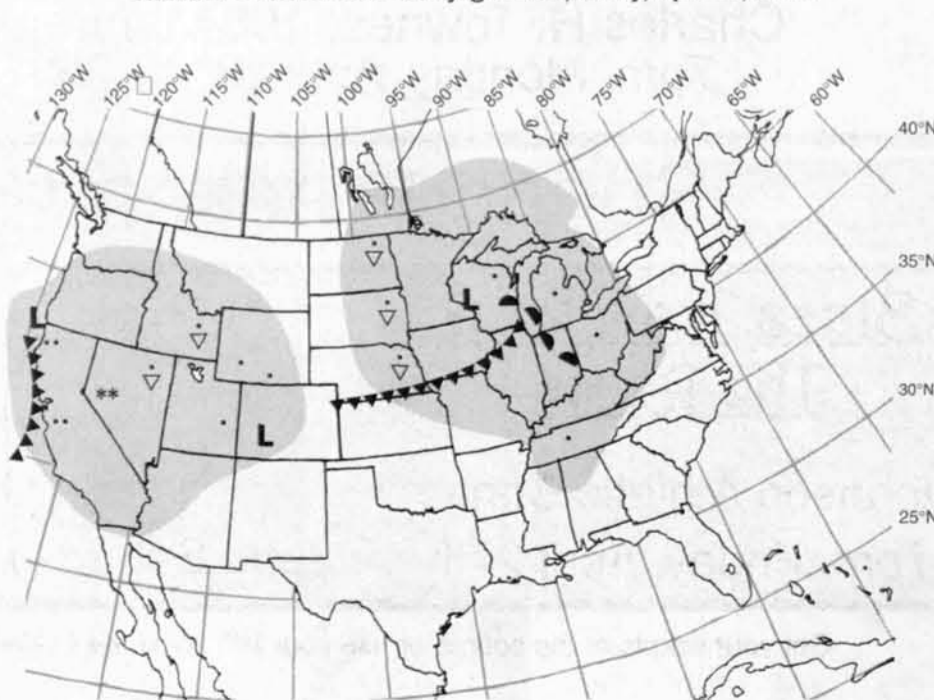
Saturday: Mostly cloudy skies with warm temperatures. High in the mid 60s F (18-19°C).

Saturday Night: Continuing chance of showers. Low in the low 60s F (16-17°C).

Sunday: Chance of showers. High in the low 70s F (21-23°C).

Weather Systems	Weather Fronts	Precipitation Symbols	Other Symbols
H High Pressure	Trough	Snow	Fog
L Low Pressure	Warm Front	Rain	Thunderstorm
Hurricane	Cold Front	Light	Haze
	Stationary Front	Moderate	
		Heavy	

Situation for Noon Eastern Daylight Time, Friday, April 20, 2001



Compiled by MIT Meteorology Staff and The Tech

U.S. to Sign Pact on Chemicals, Seek New Greenhouse Strategy

By Mike Allen
THE WASHINGTON POST

WASHINGTON

President Bush announced Thursday that the United States will sign a treaty aimed at reducing the release of dangerous chemicals into the environment, while administration officials said separately that the president is exploring new ways of reactivating U.S. participation in international efforts to fight global warming.

Bush sparked angry criticism from U.S. allies when he declared last month that the United States will not be bound by the 1997 Kyoto agreement on global warming. The treaty committed the world's industrial nations to meet

strict deadlines for reducing emissions of greenhouse gases that scientists believe contribute to the warming of the planet.

The administration continues to believe that the treaty would unfairly penalize the United States, but aides said Thursday the White House has stepped up its efforts to come up with alternatives in time for a new round of international climate-change talks in July.

The recommendations, which are being developed in weekly meetings that include seven members of his Cabinet and Vice President Dick Cheney, are likely to include the use of new technologies to promote conservation, aides said. The group is studying what Bush can do by

executive order, what Congress must approve and what could be encouraged through international law, the aides said.

Bush announced his decision to sign the decision to sign the Stockholm Convention on Persistent Organic Pollutants (POPs), an international treaty negotiated by more than 120 governments during the Clinton administration, at a Rose Garden ceremony. It was the fourth high-profile Bush initiative on the environment this week.

The treaty is aimed at curtailing the use of a dozen dangerous chemicals linked to cancer and birth defects, including several pesticides (aldrin, DDT) and industrial chemicals (PCBs and hexachlorobenzene).

Study Eyes Link Between Agent Orange Defoliant and Leukemia

By Delthia Ricks
NEWSDAY

Agent Orange, the deadly defoliant used to make wastelands of Southeast Asian jungles, may have been the source of leukemia in some Vietnam veterans' children, according to a report released Thursday by the Institute of Medicine.

Even though the institute, a division of the National Academies, reports suggestive evidence between Agent Orange and acute myelogenous leukemia in children, it stopped short of establishing a direct connection. Previous institute reports involving Agent Orange and childhood leukemia concluded there was "inadequate or insufficient" evidence to make the association.

Agent Orange was a code name for a powerful dioxin-based herbicide which defoliated millions of jungle acres in airborne chemical warfare from 1962 through 1970 in Vietnam and Cambodia. The name was derived from the color of the chemical's containers. Dioxin is a chlorinated compound linked to dozens of diseases, including many forms of cancer, nerve damage and diabetes. The suggestive link between Agent Orange and acute myelogenous leukemia is new.

The institute arrived at the link between the compound and the sometimes fast-spreading cancer, which starts in the bone marrow, by analyzing a series of studies conducted by unrelated teams of researchers.

"This evidence is strong, but it's not conclusive," said Dr. Howard Ozer, director of the cancer center at the University of Oklahoma in Oklahoma City and a member of the Institute of Medicine.

"You also have to keep in mind that there, of course, were other things present in the environment in Vietnam to which these veterans could have been exposed," Ozer said. "There were other herbicides. And, of course, there were PCBs."

PCBs, or polychlorinated biphenyls, are highly toxic compounds believed to be carcinogenic. They were used from the 1930s through the 1970s in electrical equipment as coolants and in other industrial capacities as lubricants.

Britain Moves to Ban Human Reproductive Cloning

LOS ANGELES TIMES

LONDON

The British government moved Thursday to ease public fears about new gene technologies by announcing plans to outlaw human reproductive cloning and steps to prevent insurance companies from using genetic tests to limit coverage.

At the same time, genetic tests for diseases such as breast cancer are to be made more readily available through the National Health Service.

Health Secretary Alan Milburn said Britain must harness the benefits of gene technologies for health care and "jettison its downsides."

"The genetics revolution has already begun. It is not going to go away," Milburn told a meeting of scientists and doctors in the northern city of Newcastle. "Genetic advances can be a force for good, but that requires active preparation."

He said current licensing restrictions are insufficient to ensure that human reproductive cloning — copying human beings — never occurs in Britain. New laws also may be necessary to prevent the creation of a "genetic underclass" by insurance companies seeking to exclude people with an inherited risk of certain diseases, he added.

"Human cloning should be banned by law, not just by license," Milburn said.

Recent Rally Has Analysts Talking Market Recovery

LOS ANGELES TIMES

Technology shares spearheaded another impressive rally on Wall Street Thursday, as the Federal Reserve's interest-rate cut and some upbeat earnings stoked the belief that a lasting market recovery is under way.

The NASDAQ composite index surged 102.70 points, or 4.9 percent, to 2,182.14, while the Dow Jones industrial average gained 77.88 points, or 0.7 percent, to 10,693.71. Trading volume was again very heavy.

Since bottoming two weeks ago NASDAQ has leaped a startling 33.2 percent. That's the second-biggest rally since the index began its record slide more than 13 months ago.

Coming on the heels of Wednesday's 8.1 percent surge, Thursday's gains bolstered the view that stocks have seen their lows, and that the yearlong bear market has ended.

Indeed, the tech rally drained money from other stock sectors Thursday. Drugs and energy, two areas that had been viewed as safe havens during the market's travails, fell as investors shifted assets to tech. Overall, winners topped losers by 16 to 14 on the New York Stock Exchange and by 24 to 15 on NASDAQ.

The market still has many obstacles to overcome, and any advance is likely to be jagged in the coming weeks and months, analysts said.



GSC

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Nobel Laureate Lecture Series

The Black Hole at the Center of Our Galaxy

Charles H. Townes, 1964 Laureate
7pm, Monday, April 23, 10-250

Spring Weekend

Blues Traveler & The Roots

Johnson Athletic Center
7pm, Friday, April 27th

Odyssey Ball

Kresge Oval
8pm, Saturday, April 28

Get your tickets at the source or use your MIT ID at the Coffeehouse.

Run4Kids

Wanna help organise a charity event for school kids?

Wanna help the community to raise funds for charity?

Contact gsc-ac-chair@mit.edu

April-Calendar

- 23 Nobel Laureate Lecture
- 25 Academics, Research and Careers Committee Meeting*
- 27 Spring Weekend Concert
- 28 Odyssey Ball

* @ 5:30 in 50-220 (above the Muddy)

*All graduate students are welcome. Food is provided.

OPINION



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Letters To The Editor

Joining the Environmental Debate

One of the items stated or implied to be factual in Matt Craighead's opinion article, "Bush's Environmentalism: Anti-Nature, Pro-Man" [Apr. 13] is not actually as indisputable as he stated. Specifically, Craighead claims that hydroelectric dams produce electricity without air pollution. This was the generally accepted view until recently. In the Nov. 16, 2000 issue of *The Economist*, the article "A barrage of criticism" discusses several recent studies which all concluded that significant amounts of greenhouse gases were being emitted from the rotting vegetable matter that is produced when a reservoir is formed. One study indicated that the hydroelectric dams had the same level of pollution as a coal burning facility.

David L. Lahr G

In the Apr. 13 edition of *The Tech*, Matt Craighead supported President Bush's "pro-man" anti-environmental efforts. He lauded the rejection of the Kyoto treaty and attacked environmentalists. Craighead criticized that they "value nature above man."

The Earth was here before man evolved into sentience. It will remain once we are extinct. It consists of a multitude of life forms that once lived in a beautiful equilibrium. However, in the last 200 years one greedy, self-centered species has nibbled away at this equilibrium, pushing it into instability. Is this species more valuable than a planet?

Nature is valuable of its own accord, according to David Graber of the National Park Service. I affirm that "man's mind is under assault" more by nauseating pollutants than by the inspirational beauty of nature. Environmentalism is the desire to keep Earth functioning as a planet. Rather than "shackle

mankind," as Craighead suggests, it will free us from the pains of pollution. It is quite fair to ask that people restrict their activities slightly to make the world a better place.

Craighead argues that since beavers build dams, man should be permitted to as well. I would like to ask him if he has seen a beaver dam the size of the Hoover Dam. Scale is important. A beaver dam has a trivial impact on the surrounding area and is prone to breaking after a much shorter period of time than the cement monstrosities that humanity has put on large rivers. Craighead can feel free to build dams out of nearby trees, using an ax and some human muscular strength.

Of course, he should do this without damaging too many trees, as every full grown tree of average size converts enough carbon dioxide to oxygen to support a family of four. And as the logging industry depletes our trees and fails to replant as many as it cuts, the greenhouse effect worsens.

Do not misunderstand me; mankind, as a sentient species, is valuable. If we use our intelligence to research science, mathematics, and (environmentally safe) engineering, we can work for the betterment of our planet. Reducing emissions down to the level required by the Kyoto treaty might hinder our current productivity, but it will lead to the development and implementation of large scale low-emission energy production.

If we work against Earth, we are working against ourselves. Polluted air and water cause cancer and other illness. Craighead fails to understand that helping nature helps humanity and that his "pro-man" policies will in the end hurt us, and will lead to an earlier extinction for our species.

There should not be a conflict between man and nature. The "need to shape our environment" which Craighead refers to does not give us the right to destroy it. Tearing apart Earth for selfish short term gain will leave us living in sewage in the long run. As probably the most intelligent species on this planet with

the most to gain from its health, we are obligated to live within our environment without damaging it. It is unfortunate that President Bush disagrees.

Nicholas A. White '02

Hearing Horowitz

I wish to commend the MIT community as a whole, and *The Tech* in particular, for sponsoring David Horowitz's recent on-campus debate with Dorothy Benton-Lewis. I've been troubled at the recent censorship by so many college and university newspapers, but was glad to see that MIT is not among the campuses that are intolerant of controversial ideas. I believe that logical discourse such as that in the recent debate is the only truly appropriate path to a solution. The free and open exchange of ideas is the cornerstone of both scientific and political progress (something that I'm sure MIT students appreciate as much as we do at Caltech). Censorship, even of those who have ideas we may disagree with, has no place in a free society.

Joe Jewell

Director-at-Large

Associated Students of the California Institute of Technology

Erratum

The lacrosse player pictured in the Apr. 13 sports section ["Lacrosse Takes Early Lead, Never Looks Back Against Power Gulls"] is Christine Lin '04, not Sarah Briggs '03.

Opinion Policy

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Planes Collide, Common Sense Misses

Guest Column
Andrej Bogdanov

The relentless media obsession over the fate of the American plane crew caught spying off the Chinese coast reached its climax on Saturday, as the 24 servicemen and women were welcomed back to their home base by a stampede of military personnel, officials, journalists and the occasional patriotic citizen. Driven by an absurd pursuit to outdo one another in the dramatization of the rather unexciting event, television networks and newspapers alike had no choice left but to proceed with an appeal to the basest of all instincts: national pride. A gargantuan American flag dominating the otherwise scant decor at the homecoming site provided a more than fair distillation of the whole experience.

The pundits of the day were quick to

react to the narcissistic tone of self-admiration set by the media. The Bush administration was praised by Republicans and Democrats alike for its tough and uncompromising attitude towards the Chinese government. All talk of possible American fault for the incident was immediately dropped, as the heroes of the day confirmed our suspicions that they were bullied by a Chinese maverick fighter who obstructed their evident right to freely roam a spy plane within miles of Chinese territory.

The numbing of common sense by such outbursts of national pride prevents us from asking the most obvious question: why are we spending taxpayer money to support spying missions over the Chinese coast? Under the pretext of preserving our national security, we are indulging in aggressive military practices on the other side of the planet. Even with the boosted ego of the one and only military superpower left in the world, it would be too crude to blatantly state that as

self-appointed defenders of the free world, we have the exclusive right to spy over whomever we like whenever we please to do so.

Yet given the astoundingly isolationist tone of the administration's foreign policy, such statements may come as no surprise in the near future. Caught in the deadly game of nationalist euphoria, diplomats in Washington are competing to find the most devilish form of punishment for the Chinese sinners. Amidst overwhelming support from all sides, Bush and his staff are quietly contemplating the awful monster they created.

As usual, the big businesses which control the political mood in Washington will not remain dissatisfied. Weapons manufacturers are looking forward to enormous profits as the long-awaited sale of aircraft carriers, bomber planes and missiles to Taiwan is expected to obtain overwhelming approval in Congress. It is only natural for the supporters of this lucrative deal to argue that a massive buildup of the Taiwanese military is the only answer to the overwhelming threat of its powerful neighbor.

Yet that argument hopelessly fails when it comes to our own hemisphere. We only need to go back a few decades. As the Soviets were trying to sell weapons to Cuba in 1962, America dismissed such a possibility by threatening a nuclear attack. The affair is lauded in history books as the crowning achievement of the Kennedy administration. The lessons of history are easily forgotten when the interests of the rich and powerful are in question.

Recent history holds an even more relevant lesson: outbursts of national pride yield massive misery. Perhaps our mighty military can protect us from that misery, but we must bear no illusion about it.

Andrej Bogdanov is a graduate student in the Department of Electrical Engineering and Computer Science.



The China Connection

Ken Nesmith

The standoff between China and the United States, after having simmered uneasily for several weeks on end, has ended its most dramatic stage with the return of the 24 American crewmen who were aboard the EP-3 surveillance plane when it made an emergency landing in China on Apr. 1. The incident focused an uncomfortably strong light on the shaky state of affairs between the two nations, and aggravated hard-line members of each nation's government. Events unfolded, though, as if the confrontation were a spat between two immature children on a playground, and it ended in such a character as well.

The United States engages in routine surveillance flights off the coast of China, using advanced electronic equipment designed to intercept and decode every sort of signal that can be intercepted and decoded. Our surveillance flights draw the attention and harassment of Chinese military pilots, who buzz the planes, perhaps to try to scare them away. Apparently, on this occasion, the Chinese pilot buzzed too close and struck our jet, causing his death and forcing the emergency landing of the spy plane. The EP-3 landed without permission in a Chinese airfield, and was promptly boarded by the Chinese military. The American crew members were held and interrogated about the incident, and were only released when the two countries' leaders had finished staring each other down.

It was hard not to laugh when various senators and other dignitaries marched onto network news broadcasts demanding that the Chinese not board the aircraft, as if they had some control over the situation. The Chinese, after what surely must have been a long and thoughtful consideration of the senators' wishes, took one glance at the treasure trove of toys available aboard the aircraft and shrugged off the arrogant American rhetoric.

Immediately following the landing, the two countries began trading ultimatums and conflicting versions of events, each casting its own actions in a more favorable light. Most contentious was whether our plane swerved and struck the fighter jet, or the fighter jet sim-

ply ran into the EP-3. The most recent evidence suggests that it was the Chinese jet that ran into our plane on one of its fly-by attempts. The Chinese, though, repeatedly demanded a full apology to the Chinese people for the death of the pilot, and also sought the cessation of surveillance flights in general. The United States demanded the immediate release of the crew from Chinese possession.

One has to wonder how we would react if the situation were reversed: Chinese spy planes are flying up and down our coast, carrying advanced equipment designed to monitor our country's secret goings-on. One of our pilots is killed in a confrontation with the plane, and the Chinese land on Long Island. Would we tolerate their spying in the first place? Certainly not. Would we kindly leave their plane, with its bundles of technological wonders, untouched, and promptly return their crew without an apology? No; probably not. In fact, when a Russian spy plane landed on our own soil several years ago, we faced no moral quandaries in choosing to examine its contents thoroughly. It is not clear as to precisely why we should be granted special rights and treatment from the Chinese government.

Practically, the Chinese held the upper hand in this exchange: they had our people, and they could decide when to release them. Our government released increasingly conciliatory statements, carefully expressing various combinations of regret and sorrow as we tiptoed towards some statement that would allow us to save face and would give the Chinese sufficient reason to release the crewmen. Eventually, we stumbled upon something that worked when we decided in a letter to Beijing that we were sorry for the death of the Chinese pilot. The Chinese declared that they had won the standoff, twisting our words just a little bit in declaring that we had fully apologized to the Chinese people for the incident. The crewmen were allowed to return to the United States, and the major television networks were allowed to talk about things other than the great standoff.

The U.S.-China relationship has not been a good one in recent times, and these events did nothing to help. There is still debate over what sort of trading rights we should grant to

China, considering its abhorrent human rights record and its hostile attitude towards Taiwan. With regards to Taiwan, there is the soon to be answered question of what allotment of advanced weaponry the U.S. should sell to the island to help it resist a possible Chinese invasion. China, of course, would rather that we did not sell them the most advanced arms. China has been pursuing the opportunity to host the Olympics in 2008, but after these recent developments, that looks somewhat less likely to happen.

It's unfortunate that there is such a deep rift between these two nations. The fundamental cultural differences that divide these two nations are most troublesome when they inspire the sort of nationalistic, almost xenophobic commentaries that could be found over the course of the last few weeks. China comprises one-sixth of the world's population, and it is a growing economic and military power. It is not a nation we can politely ignore, and it is not a nation that we would like to have as an archenemy.

In the most recent turn of events, the United States has refused to meet with China in order to determine exactly what happened in the collision until the spy plane is returned. This is, perhaps, not the most productive stance to take, but like the playground politics of seven-year-old children, these confrontations are not generally centered around getting things done as much as they are around saving face and making sure everyone understands how strong you are.

As American citizens, we tend to be oblivious to the huge amount of power we casually wield in international affairs, whether we are flaunting international military or environmental treaties or exerting control over entire nations to satisfy our primarily economic but sometimes ideological interests.

We will not, however, be able to do that forever with China, and we would do well to thoughtfully craft a careful, mutually beneficial long term strategy that recognizes and necessarily offers healthy respect for other nations, rather than diminutive arrogance. Childish bickering is probably not the best way to begin this process. Hopefully, the next years will see the development of a more fruitful approach.

Sleep Deprivation 101

Guest Column
Arjun R. Narayanswamy

It's 4 a.m. on a Friday morning, and you haven't slept properly for days. Fueled by stress and sugar, your body feels like it was built out of tight-strung piano wire, all a-jitter. Thinking is an effort, and talking is out. All you want is to finish the problem set, and then drop back for some sleep.

Sounds familiar? It probably does. Take a midterm, a design project and two problem sets; throw them into the span of a week and, voila! — we have a recipe for a 'hyper-nighter,' the week from Hell. The exact details are immaterial because the general story is the same; no sleep for a week, three all-nighters in a row, living in lab or studio. MIT sucks, Tech is hell. Just walk into 34-501 tonight and you can hear a dozen different versions of this story.

This begs the question: why does everybody have a story like this? On first glance, it doesn't seem to matter what your GPA is, or in what course you're majoring. It's common knowledge that chronic stress is physically debilitating, and that tooling without sleep is like scaling an exponential slope. Yet MIT students repeatedly put themselves through the ringer — three days, four days, even a week without sleep. Amazingly, SleepDep101 is a pre-requisite for graduation.

There are three main explanations offered for this phenomenon: MIT students do not know how to manage their time, MIT classes are excessively time-consuming, and MIT students drive themselves harder than possible. Students and administrators argue over the relative importance of each of these factors, but they accept that all three play a part, and that the end effect is very, very bad for you.

(I caution against explanations that place too much blame on time mismanagement by the students. Students who are admitted into MIT are no strangers to time-pressure; in general, we have demonstrated the ability to handle demanding schedules and diverse interests to an ample degree. It simply cannot be that these skills completely disappear for the course of a semester; it is more likely the case that even well-organized MIT students are swamped by the demands of MIT on a regular basis.)

Over the course of my three years at MIT, I remember two such 'hyper-nighters' vividly. My first was a week just before R/O 1999, when I was working International Orientation by day and hanging lights for the Musical Theater Guild by night. The second came when I miscalculated the length of a 6.170 project and spent an entire week with close to no sleep. By the end of the week, I was so tired I was literally shaking uncontrollably. One of the people I asked about this told me that it was 'normal.' Normal? Give me a break. In both cases, I needed a valuable schoolweek of rest, and still never recovered completely. My energy level and stress levels were affected until well past the end of semester.

I was reminded again of the unhealthy pace of MIT life when I was at a friend's house for Easter over Patriots' Day Weekend. Everybody (but me and my friend) in the house was asleep by midnight, slept well and was awake by 8 a.m. They didn't seem to have any less energy than I did, and they all attended 10 a.m. Easter Mass. Meanwhile, I felt like a troglodyte all weekend.

Didn't they need the deep late night discussions about whether bacteria have karma? Or early morning General Gao's from Nanling? How could they live without this stuff?

If every article has to have a moral, then here is the meat of this message: Take care of your body. With five weeks left in the semester, recognize that you are more likely than ever to drive your body beyond its limits. Perform no unhealthy experiments with sugar, Mountain Dew, Coke, coffee, Jolt or No-Doz pills. They really are unnecessary and self-defeating, and the lack of sleep will affect you for longer than you imagine.

For those who have serious problems, communicate! Talk to your friends, your TA, your adviser, Nightline, the Med Center, or the Counseling Deans. There are resources that will help you fix the problems rather than hurt yourself.

Arjun R. Narayanswamy is a member of the Class of 2002.

Choice, Not Coercion

Guest Column

Ilana Goldhaber-Gordon

Imagine your best friend is raped. A month later she finds out she's pregnant, and it precipitates another emotional collapse within her. During this time she happens to pick up an issue of *The Tech*, and a full-size opinion piece dares to preach to her about the moral superiority of continuing this pregnancy. Are you outraged?

Catherine Santini's opinion column "The Reality of Choice After Rape" [Apr. 13] does just that. She uses *The Tech* as a soap-box in an attempt to pressure rape victims not to seek abortion. She disguises her preachings as kindly advice, "bolstering" her statements with statistics from obscure, biased sources. She should be ashamed of herself. Survivors of sexual violence do not need added pressure or guilt to torment them.

Let me first address the dishonesty of Santini's statement, then move to its moral implications. In her column, Santini says, "73 percent of rape victims who conceived chose to give birth to their babies." She says this number is from the Elliot Institute for Social Science Research, which describes itself as a collection of "Pro-Life researchers who believe to prove abortion is dangerous." As scientists and engineers, we are aware of the pitfalls of conducting research when we really, really want a particular outcome.

Next, Santini references a "1981" study by Dr. Sandra Mahkorn. This study was published, not in a reputable medical journal, but in an out-of-print book entitled *New Perspectives on Human Abortion* by Thomas Hilgers, also the author of a book on "Natural Family Planning," the rhythm method of birth control which is infamous for its ineffectiveness. The book itself was copyrighted in 1981, making it hard to believe the actual study was conducted in 1981, as Santini claims. Even if the study were to be conducted in 1981, one might ask whether abortion was safe and legal at the time that 75-85 percent of the study's subjects opted against it.

Finally, Santini extensively quotes a book entitled *Victims and Victors*. She informs us that one of the authors of this book is the daughter of a rapist, which seemingly makes the author an unbiased expert on the subject in Santini's eyes. As Santini says, "there is no one more qualified to speak about conception through rape than ... a child born from rape." Oh, really?

I understand that it can be scary to imagine the absence of your own life. If my mother had chosen to abort me, I would not be. On the other hand, who you are is the accident of

one particular sperm fertilizing one particular egg. Had your father come home five minutes later that evening, had your mother eaten different food that afternoon, the environment (pH, temperature) in your mother's body would have been slightly different, a different sperm would have fertilized that egg, and you would not exist today.

Many women who have had abortions at a young age attest that it permitted them to grow up into competent adults. As a result, they later chose to create larger families than they would have been able to support otherwise. Their aborted fetuses do not exist today, but several people exist in their place.

Many rape victims report feeling ashamed or guilty about their rape. I never understood this reaction, until I personally experienced it myself in a much milder form. I was waiting at a bus stop, when a stranger approached me,

reached out his hand and touched my breasts. My instantaneous reaction was shame; I looked around to see who had witnessed my humiliation. Then I wondered to myself: why was I ashamed? Outrageously, our society often reinforces these feelings of shame. Police, doctors, lawyers and friends may mistrust the victim's stories or blame her for not defending herself, for

dressing seductively, and so on. Santini has now found a new way to compound feelings of guilt and shame — condemning survivors who opt out of pregnancy.

Rape is a loss of control over our bodies. Rape victims may suffer months, years, or a lifetime of emotional trauma. Many report recurring nightmares, suicidal feelings, and developing addictions. Santini claims that the experience of giving birth "can be a very healing and empowering experience." I hope that that is true for some women. I believe that the experience of producing life can, for some women, ease the pain and loss. Yet we know that this is not true for all women. For many, the unwanted pregnancy represents added trauma. It is a further loss of control over their bodies — a loss of control that will last through nine months of physical hardship.

We at MIT should support all women's choices for their own bodies. We should condemn pressure of any kind in this arena, whether for or against abortion. MIT must provide an atmosphere that supports women and their decisions, through non-judgmental listening and provision of unbiased, honest information. Most of all, we must condemn efforts to take advantage of a survivor's vulnerability, or to again deny her control over her bodies.

Ilana Goldhaber-Gordon G is an officer in MIT Pro-Choice.

Santini claims that the experience of giving birth "can be a very healing and empowering experience."

I hope that that is true for some women. Yet we know that this is not true for all women.

Those Who Can Choose

Guest Column

Radha Iyengar

I was appalled by the insensitivity and dishonesty of Catherine Santini's column "The Reality of Choice After Rape" [April 13]. Santini's obvious insinuation that abortion is immoral and harmful to the woman denies the very choice she superficially advocates. At MIT we must foster an environment that respects rape survivors, not one that insults their moral character. According to the National Victim Center, one in four college women have either been raped or suffered attempted rape. With such alarmingly high rates, we must always consider if what we are saying is supportive of survivors, or if we are unintentionally attacking people who deserve our support and respect.

Santini's subtle attacks on the survivors of rape are therefore both insulting and intolerable. She suggests that giving birth to a child conceived through rape is "proof that [the survivor] is better than the rapist." This leaves the lingering perception that not giving birth fails to prove the victim's superior moral worth. I would argue that the survival of the violent act of rape is itself "a display of courage, strength and honor," and not choosing to give birth does not diminish that strength of character. Furthermore, calling abortion "medical rape" veers dangerously close to a victim-blaming in which rape survivors are accused of choosing to be raped again. The "painful intrusion into women's sexual organs by a masked stranger" that characterizes abortion, according to Santini, also describes, say, going to the gynecologist. Equating abortion or doctors' visits with rape trivializes the brutality of the crime and the strength necessary to survive it. Labeling a considered decision as a form of rape suggests that rape involves a choice on the victim's behalf, an insulting and patently false supposition. The victims never "choose" to be raped. Santini has cleverly found a way to both attack the moral character of survivors and deny them another choice over their own body by suggesting survivors who choose to abort are — what? Choosing to be raped?

Moreover, the "facts" presented to justify Santini's moralizing are barely credible. Santini extensively references the book *Victims and Victors*, edited by David Reardon, Amy Sobie, and Julie Makimaa, which describes a study (not peer-reviewed) with a sample size of 230 rape victims selected from a single district. The researchers apparently don't need

statistically valid results, an unbiased selection, or indications of causation (simple correlation does not cut it) to generate conclusions about the general population. As another example of bad statistics, you may have noticed the posters on campus which indicate that something like 84 percent of children born to rape survivors do not wish they were aborted. A better phrasing would be that 16 percent of children born to rape survivors wish they had been aborted, since I would be surprised if even one percent of people in the general population wish they hadn't been born. Whether my intuitions are correct, these statistics are useless without a base comparison of the "I wish I'd never been born!" rate of the general population. Of course, a good reason these statistics are biased is that they are from a biased source. One of the book's editors, Reardon, is an anti-abortion zealot — surely he does not advocate the "true choice" suggested by Santini. Of another author, a child born to a rape survivor, Santini says, "there is no one more qualified to speak about conception through rape than ... a child born from rape." Most would say the survivor of a rape would be the best person to decide her own pregnancy status.

Santini made a valuable point: "We [should] not perpetuate the perception that if a woman becomes pregnant because of sexual assault, it is automatically in her best interest to have an abortion." Unfortunately, Santini seems to miss the flip side of this — it is not automatically in her best interest to *not* have an abortion. Just as "abortion [has] not turned back the clock and [taken] away all of the pain," birth is not the be-all, end-all solution for rape survivors. What is truly in a survivor's best interest is the freedom to decide what is her best interest. And so, perhaps what Santini meant by "two wrongs don't make a right" is that after a woman has been denied the right to decide whether to have sex, denying her the right to decide whether to pursue a pregnancy is committing yet another wrong. If Santini wants "true choice" she should abandon her attacks on the moral worth of rape survivors who choose abortion. As Santini notes, "we can't begin to imagine what a woman who is raped is going through." The most qualified person to discuss this issue is not the child of a rape survivor, nor an anti-choice zealot. So, why not let the person who can imagine what it is like to survive rape — the woman who is forced to learn what it is like — have the freedom to decide what is best for herself?

Radha Iyengar '02 is the president of Stop Our Silence.

We Are Beavers All

Akshay Patil

I've always been a fan of nerds. In moderation, nerdiness is a quality that should be admired and encouraged in everyone. There are times, however, when we get carried away by the sensuality of being a nerd and do things that we may regret later. We make decisions that at first may seem fine, but over time they begin to lose their appeal.

I'm talking about the Engineers. Not the student engineers. I'm talking about our sports teams.

When did we decide that we would ignore our school's mascot and call our sports teams "the Engineers?" I mean, it sounds like a perfectly nerdy thing to do, and MIT most definitely epitomizes nerd-like tendencies, but still.

It makes no sense to relegate our beloved beaver to the same position as the Stanford tree. No one understands why the Stanford Cardinal have a tree on their uniforms except for the reason that no sports team would ever call itself "the Trees." But Tim the Beaver isn't some boring object that evokes no emotion. He embodies our engineering spirit in small, furry animal form. We should not strip him of his dignity by deny-

ing him the honor he deserves.

Even our "fight song" makes no mention of "the Engineers" but does boldly state "We are beavers all." Whether it really is our fight song isn't quite clear, but ask any student what our fight song is, and you'll be sure to get "the beaver call."

The only real opposition that people have to naming our sports teams after our mascot is that there tends to be some flustering that comes along with shouting "Go Beavers!" at a female sports event. But I ask, aren't we in college now? Maybe, perhaps just a little past those days of snickering and poking in high school health class? People already throw around the innuendos in other fields, so one more doesn't really matter, does it?

Maybe the men's football team will want to beat me up because they don't like the name. Makes me even more so the nerd, I guess.

If "the Beavers" truly is an unacceptable name, then maybe call them "the Castors" or something like that ("Castor" is not only a Greek hero, but also the genus name of beavers). At the very least, let's acknowledge Tim and give him the respect he deserves, instead of demoting him to the status of an unloved tree.



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FINAL WEEKS TO ENROLL!

THE ARTS

THEATRE REVIEW

Hamlet

The British Are Coming!

By Bence Olveczky

STAFF WRITER

Presented by the Royal National Theatre of London

With Simon Russel Beale

Directed by John Caird

At the Wilbur Theatre through April 22

Tickets \$75-\$25

Student rush tickets available.

You may not have heard of Simon Russel Beale due to his lack of Hollywood credits, but in England the short and chubby 40-year-old is widely considered to be the greatest Shakespearean actor of his generation. As such, it was only a matter of time before he would have a crack at the "big one." Many critics feared he would be too old and pudgy to play Hamlet, but Beale proves his skeptics dead wrong with a haunting rendition of the doomed Danish prince that is sure to be a major theatrical milestone.

also one of the most difficult to render convincingly on stage. "What piece of work is a man" exclaims Hamlet, and indeed, what an artist is the actor that can convey the ambivalence of such an intriguing character with ease and authenticity.

Simon Russell Beale takes up the challenge and runs with it, and the Royal National Theatre's subdued production provides a perfect vehicle for his acting genius. Beale's Hamlet is at once intelligent and ironic, charming and difficult, as he scurries around the stage with his scraggly beard and greasy hair, overwhelmed by the sorrow of his father's death. Beale's convincing display of grief may tragically have sprung from a real-life experience: his mother lost her long battle with cancer during the rehearsals of the play. Beale has said that his mother's death softened his portrayal and made it more romantic, but I suspect that it also served to inspire his ardent performance.

The combination of Beale's magnetic stage

candle-lit stage are leather trunks and suitcases that suggest a state of flux as they are continuously being re-shuffled to furnish the changing scenes. The costumes, inspired by the Italian Renaissance, provide a tinge of color and makes the stage design by Tim Hatley look much like the paintings by Tintoretto or Titian.

John Cameron's sacred music gives the production a tint of religiosity, as does the paneled back wall that periodically opens up to let light in through a cross-shaped gap. The Christian imagery serves to underscore the hypocrisy and double standard by which the characters go about their business, but it also seems to imply that when all is said and done, there is forgiveness to be had.

This promise of redemption is in the spirit of a production that is milder and less damning than most. For a start there are no real villains here; not even the murderous and incestuous Claudius, played by Peter McNery, is beyond salvation. Rather than staging an epic battle between good and evil, Caird portrays a dysfunctional family's bitter struggles. To help focus on the domestic aspect of the play, he has toned down the play's political content, cutting the scenes involving the Norwegian King Fortinbras and his army. While purists may raise their voices in disagreement, the production, which clocks in at three and a half hours, is probably better served by not having a bunch of knickerbocker-clad soldiers storm the stage at the end.

It is Russell Beale's refined and focused portrayal of the Great Dane that sets this production apart, yet as he siphons off the audience's attention it works to lessen the impact and contribution of a very capable supporting cast. The production loses momentum whenever Hamlet leaves the stage, as the happenings only seem relevant when in direct relation to the prince himself. The rest of the actors do an utterly professional job, but their characters lack the psychological complexity to match Hamlet's. Yet the efforts of Sara Kestelman as the uneasy and alienated Gertrude and Peter Blythe as the somewhat pompous Polonius will be remembered alongside Simon Beale's tour-de-force rendition as one of the great highlights of this theatre season.



CATHERINE ASHMORE

Simon Russel Beale and the Royal National Theatre deliver *Hamlet* at the Wilbur Theatre until April 22.

Many actors and directors have tried to scale the mountain that is *Hamlet*, but the road to the top is littered with corpses of some serious talent (Kenneth Branagh and Ralph Fiennes to name a few recent victims). Hamlet is an actor's rite of passage precisely because it is such a merciless and difficult role. The antagonisms reflected in the dark prince's personality has made him not only one of the most fascinating creations in all literature, but

presence with his command of the Shakespearean language propels his Hamlet well beyond the realm of antiquated quotes. He is at the epicenter of a living theater that speaks to us in a passionate voice, infusing old truths with new and urgent meaning.

Much of the credit for this must go to John Caird, who has directed the play with a sparseness and simplicity that purposefully frames the brilliant acting. The only props on the dark,

CONCERT REVIEW

An All-Beethoven Evening

BSO Presents Concertos

By Jonathan Richmond

ADVISORY BOARD

Overture to the Creatures of Prometheus

Piano Concertos Nos. 1 & 3

Alfred Brendel, Piano

Conducted by Seiji Ozawa

Boston Symphony Orchestra

Symphony Hall, April 17.

Playing all five Beethoven piano concertos in a series of three all-Beethoven concerts makes for a concentrated experience, and the first of the three programs — given by Alfred Brendel with the Boston Symphony Orchestra under Seiji Ozawa — both illuminated the scope of Beethoven's work and prompted questions into how it should be performed.

The evening opened with Beethoven's *Overture to the Creatures of Prometheus*. Given a solid performance, the strings nonetheless sounded on the heavy side and without quite the precision one might expect. This was to be a keynote to the concert as a whole, where a traditional heavyweight approach eschewed the more modern preference for a lighterweight, brisker sound. Within the orchestra, it was the woodwinds which consistently gave most delight, the slow tempi taken by Seiji Ozawa accentuating the beauty of their phrasing.

The *Piano Concerto No. 1* opened with lovely warbling winds and

a fluent piano entry. Brendel's solo playing became totally absorbed, dancing across the keyboard with serene eloquence. The cadenza started simply enough, but caught the audience unawares as it grew in profundity. Tempi, generally on the slow side, became too slack for the second movement. Brendel's playing was nonetheless lyrical and intense. This was not the dreamy approach of Murray Perahia — Brendel was more intellectual and controlled, as if lost in the religion of Beethoven rather than in romantic love. There is something distinctly Mozartean about the way the clarinet captures the heart and soul in this movement, and clarinet solo work provided a rapturous foil to Brendel's introspective piano playing.

Brendel brought out the elements of burlesque which give the final movement its great charm to bring the concerto to a jolly conclusion. It is in movements such as these, however, that the type of early piano Beethoven would have known — with its rapid dampening of sound and greater clarity of each note than is possible on a modern concert grand — comes into its own. Brendel's performance with the BSO lacked the energy of my favorite recording of this work, by Steven Lubin with the Academy of Ancient Music conducted by Christopher Hogwood. Not only was it impossible to pick out the sound of each note on the piano, but the orchestral approach was simply too relaxed for a movement where tension and control are all-important.

The performance of Beethoven's *Third Piano Concerto* also had its high points: the cadenza was wonderfully nuanced and well-measured, while piano playing in the second movement was extremely serious, involved, and involving. There was excellent string playing here, showing that the argument about whether to play Beethoven fast or slow is far from clear-cut. Ultimately, however, the performance lacked snappiness. Despite its many moments of pleasure, Ozawa's choices of tempi were not sustainable, and the work did not manage to come together as a whole.

Note: The remaining all-Beethoven performances are sold out, but 100 rush tickets will be available on Tuesday, April 24, one to a purchaser, at 5 p.m. Due to expected demand, you should probably in line an hour or more earlier.

BOOK REVIEW

Lying Awake

Art, Religion, and A Brain Disorder

By Izzat Jarudi

STAFF WRITER

Written by Mark Salzman

Published by Alfred A. Knopf

\$21.00

Dostoevsky, Van Gogh, Tennyson, Proust, Socrates: what did they all have in common? Beyond genius, they shared symptoms of a particular brain disorder, temporal-lobe epilepsy. In fact, genius may have been one of the symptoms. Even when they are not having seizures, those afflicted with the disease are subject to changes in behavior and thinking, including voluminous writing, protracted and acute emotional response, and intoxication with religion and philosophy. So what if Dostoevsky had known about his disease? Moreover, what if he could have cured it? Would he have? Should he have?

Such a dilemma is the focus of Mark Salzman's fascinating new novel *Lying Awake*. Instead of bringing modern medicine to the 19th century or Dostoevsky to the 21st century, however, Salzman sets his story in a Carmelite monastery just outside of modern-day Los Angeles (perhaps no less incongruous).

The protagonist, Sister John of the Cross, is a nun who after 25 years of languishing in the cloister, "her prayers empty and her soul dry," begins to find God through mystical visions. Her suddenly fruitful spiritual life makes her a spiritual master in the eyes of her fellow nuns and inspires her to write poetry and essays on the contemplative life that make her equally admired outside the monastery. But after three years of such visions, the headaches that increasingly accompany them force her to the doctor's office. There, she discovers the headaches are caused by temporal-lobe epilepsy.

The rest of the novel is devoted to Sister John's struggle to "tell the difference between genuine spiritual experiences and false ones." She realizes that treatment will probably end her unique connection with God. But is it more selfish to choose her health or her visions? No visions would mean a return to a life of spiritual sterility. No treatment would ignore her obligation to the monastery. I won't give away her agonizing decision and its consequences, but I will say that I found Salzman's writing a pleasure to read.

His language is as spare and serene as the cloister. During his description of her visions and prayers, there is a shift in the prose, both physically and stylistically. Physically, he separates these intimate sections from the rest of the narration with distinct spacing and italics. Stylistically, he transcends the restraints of grammar and recounts her visions with a series of fragments of sentences, often only a single vivid word. And often that diction and imagery is disarming in its originality. For example, he opens his novel with Sister John waking and proceeding through what he calls an "algorithm of longing" — her morning routine that begins with a prayer. Occasionally, Salzman's language is overwrought, but the aesthetic merit of the vast majority of his story offsets that rare tendency.

At the same time, Salzman's novel addresses a difficult question that modern medicine poses to the mystery of artistic and religious inspiration so effectively (and concisely; his book is less than 200 pages long) that I would recommend it to anyone interested in a lucid examination of the influence of modern science on art and religion.



DANCE REVIEW

Alvin Ailey American Dance Theater

Jumping and Living

By Annie S. Choi

ARTS EDITOR

One of the nation's most celebrated dance troupes, Alvin Ailey American Dance Theater, opened their week-long run at the Wang Theatre on Tuesday. Under the experienced hand of artistic director Judith Jamison, the troupe performed two pieces for the first time on a Boston stage, as well as two numbers that are Alvin Ailey favorites.

The opening piece of the evening was *Night Creature* (1974), a celebration of jazz culture. Set to the music of jazz master Duke Ellington, the piece tells the story of a group of hip, young cats who spend all night reveling in jazz clubs. *Night Creature* was choreographed by the late Alvin Ailey and was originally part of a program entitled "Ailey Celebrates Ellington." Ailey's choreography is a silky mix of ballet and swing — and a lot of attitude. The dancers bounce and swing to the Duke's sensuous piano movements, juxtaposing complicated lifts and simple cha-cha steps.

The number's lead dancer, Dwana Adiaha Smallwood, stole the performance with her bewitching form during sultry moments and fantastic leaps during lively ones. She successfully interprets the mood of Ellington and his time. As dawn arrives each night creature departs, waving good byes to the female lead and to the audience. In a golden moment, one dancer tries to make his moves on the female lead, perhaps in hope of a different kind of dance, and she rejects him with a nonchalant wave.

The lighting, dim and sparse, is meant to portray the moonlight that the night creatures spend most of their hours. However, Chenault Spence's lighting design is ineffective. Patches of blackness afflict the stage, leaving many dancers faceless and quite ominous.

The second piece, *Chocolate Sessions* (2000), had its first performance on a Boston stage. Choreographed by Dwight Rhoden, the piece examines relationships between men and women. While *Night Creature* is a celebration, *Chocolate Sessions* is a sober look at tensions between people. The dancers, scantily clad in bright

metallic mini-skirts and shorts, tug, pull, and slide against each other. The choreography incorporates complex lifts, leaps, and holds, reflecting the complications that arise in relationships. However, it is a theme that has

posed by Antonio Carlos Scott, is complicated as the choreography. The music includes a string of unnerving sounds, such as a skipping CD, muffled thuds, and short snippets of an unrecognizable song (the program

graphed by critically acclaimed Alonzo King. Like Rhoden's number, *Upstream* incorporates some innovative moves. In the first movement, three men, Jeffrey Gerodias, Kevin E. Boseman, and Benoit Swan Pouffer, dance in complete silence — turning, twisting, and jumping — and never let go of each others' hands.

Instead of traditional music, *Upstream* incorporates East Indian instruments, bells, and drums as well as ethnic rhythms. Sounds of rain and thunder (and a cheesy fog-machine), accompany the dancers' dizzying movements. The result is an intense composition that is unpredictable and explosive.

The closing piece, *Revelations* (1960) is perhaps the most famous selection the company performs. It is a crowd-pleasing, energetic piece that reflects Ailey's childhood in Texas. Set to moving gospel songs ("I Been 'Buked," "Fix Me, Jesus," and "Rocka My Soul in the Bosom of Abraham," to name a few), the dancers wave their arms wildly as if they were incensed by the power of the Bible. Though some dancers were more enthusiastic than their colleagues (some of the soloists were delightfully close to being over the top), the piece was executed well. The lighting, designed by Nicola Cernovitch, was simple — a great yellow circle representing the hot Southern sun. Female dancers donned long, white, frilly dresses and flapped over-sized wicker fans, while the men wore black pants with vests and ties.

The best part of *Revelations* is the fact that everyone — dancers and audience members — were genuinely having a good time. With so many modern dancers exploring somber themes, it is refreshing to see smiles and not tortured souls.

The Alvin Ailey American Dance Theater will be performing at the Wang through Sunday, and their program includes four Boston premieres. One premiere that will be worth a look is Judith Jamison's integration of dance and technology, *Double Exposure* (2000), in which dancers hold cameras that project on to screens that are 20 feet high.



Alvin Ailey American Dance Theater company members at the Wang through Sunday.

been done over and over again in modern dance — tension and strife between lovers and friends. Rhoden's piece, though technically stunning, adds nothing new to the theme.

The music to *Chocolate Sessions*, com-

notes explain that they are from "A Song for You" performed by Donny Hathaway). The music is simply too abstract for a theme that everyone understands.

The third piece, *Following the Subtle Current Upstream* (2000), is choreo-

VIDEO GAME REVIEW

Onimusha

Resident Evil + *Horror* + *Action* + *Incredible Graphics* = ?

By Chad Serrant

Retails at \$50.00

Graphics

10.0/10.0

Sound

8.0/10.0

Gameplay

7.5/10.0

Replay Value

6.0/10.0

Overall

8.0/10.0

Capcom has a way of getting away with using games over and over again and still making a huge profit off their work. The *Megaman* series, for example, lasted for a decade and produced eight games. Its successor, *Megaman X*, is five episodes strong and still refuses to change its basic formula. This time, Capcom has decided to use *Resident Evil* as its base and expand from there. What's amazing about this game is that it feels like *Resident Evil*, it looks like *Resident Evil*; it even has undead zombies like *Resident Evil*. But it isn't *Resident Evil*.

The game starts in feudal Japan. Nobunaga Oda and his small group sneak attacks Yoshimoto Imagawa and his army. Nobunaga manages to emerge victorious. Just as he starts gloating, an arrow flies through his throat, killing him. A year later, people begin disappearing from the land. Demons are everywhere, killing innocent people and turning them into murderous zombies. Princess Yuki has been kidnapped. And Nobunaga is alive, working with the demons. Samanosuke, one of Princess Yuki's most trusted friends (and a great swordsman, too), decides to rescue the princess and stop Nobunaga.

Although I say that graphics never make a game, they can only make it better. *Onimusha* has the best graphics ever, hands down. Capcom even hired a computer graphics company to make the videos. Konami, Electronic Arts, Nintendo, and Sega don't even come close. And I didn't forget Squaresoft in my list, either. They had better take down a few notes on how to make good graphics. The intro video will have you hooked. The in-game graphics are pretty darn good, too.

You can still tell that polygonal characters are drawn on a standstill picture, but it takes a while for you to realize this. Everyone looks realistic, so much so that you can't play the "count the polygon" game with *Onimusha*. The game also has a cool light bending effect whenever an enemy turns invisible. Good work, Capcom.

Onimusha is very similar to *Resident Evil*. Both games use a collection of areas connected by walking to the edge of the area. The camera is fixed, by the way. This means if a zombie ninja is lurking around the corner that's off screen, you won't see him until you walk around the corner. By then, it's too late. The controls are quite similar. Even though there are two analog sticks on the PS2's controller just begging to be used, you still have to use the D-pad to move. Up makes you go forward, even if you're facing down. Hopefully, you should get the hang of it quickly. Capcom really wanted to use the *Resident Evil* template. Heck, *Onimusha* even has herbs, just like

Resident Evil!

But the gameplay is different. In *Resident Evil*, you're supposed to conserve ammo and run away from as many zombies as possible. *Onimusha*, however, encourages fighting. When you defeat enemies, you can absorb their "soul energy." You can use this energy to heal yourself, improve your weapons, or launch special attacks against your enemies. If you don't improve your weapons, the stronger enemies in the game will have you for lunch (or dinner, since it's almost always nighttime in this game.) You still have to play the obnoxious game of "fetch the item near the beginning of the game that unlocks this door" that plagues *Resident Evil* games.

The sound is enjoyable, as well. The music sounds like what you would expect from a samurai movie. The voices are good. Well, the Japanese voices are good. As usual, Capcom screws English speakers over with cheesy voice acting (Capcom really has a problem with English voice acting). Plus, there is a clear problem when the characters are dubbed in English while mouthing Japanese words. Anime fans know what they're doing (no, not "Move Zig"...): use Japanese voice with English subtitles.

The only real negative point is that this game is short. You will need less than ten hours to beat this game. And that's a real shame, because it was really fun to go into *Resident Evil* with guns blazing (or in this case, swords shining).



FOOD REVIEW

The Essential Vegetarian

Everyday Is Earth Day

By Katie Jeffreys

STAFF WRITER

Earth Week is upon us again. Earth Week started Monday and will culminate with Earth Day on Sunday. There are several events going on at MIT and around Boston that you can participate in to show your support for environmental issues and to learn something new.

The MIT environmental group, SAVE, has been handing out plants and information at a booth on the Student Center steps. There is also a booth in Lobby 10 showing what the Environmental Programs Task Force has done to make our campus more environmentally friendly. Most noticeably they have put those nice blue and green recycling bins around.

On Saturday, Apr 21, members of SAVE will be meeting at 10 a.m. at the student center steps to go clean up the Charles River. Feel free to join them as they climb into boats and get all the nastiness out of the river with nets. Plus you get a free t-shirt and some food.

On EarthFest, to be held on Saturday, April 28, rides on the T (both trains and buses) will be free before 7:30 p.m. Or take a stroll over to the Esplanade where there will be a free concert. If you can't find anyone to go with you, join up with the SAVE kids at noon at the student center steps to enjoy the day. For more events, check <<http://www.earthdayonline.org/2001/calendar.html>>.

If you don't have time to actually go out and do any-

thing, you can make small changes in your daily life that benefit the environment. I have been preaching for years now about how good a veggie diet is for the environment. But you can do more than simply avoiding meat. For example, eating locally grown produce is more environmentally friendly because less fossil fuel is burned in transporting it. You can also do all those commonly promoted things like wearing a sweater instead of turning up the heat or turning off lights and appliances when you leave the room.

Also, as I will be graduating in June, I have been asked to look for a replacement. If you are interested in writing a column about vegetarian food and issues, please contact me. And as always, feel free to contact me with any questions or comments at <veggie@the-tech.mit.edu>.

This week's recipe is a good dish to bring along on a picnic, so why not go out and enjoy spring on the Esplanade.

Bow Tie Pasta with Carrots, Artichokes, and Pistachios

3 large carrots
2 7/2 ounce jars water packed artichoke hearts
3/4 cup shelled whole pistachios
4 tablespoons olive oil
1 large red onion
6 medium cloves garlic, minced
1/2 teaspoon dried red chili flakes

1/4 cup (firmly packed) Parsley minced
3 tablespoons lemon juice
1/4 cup water
6 ounces feta, crumbled
garnish of lemon wedges
1 pound bow tie pasta

Slice the carrot on the diagonal into 1/8 inch discs. Cut each artichoke heart into eight wedges. Cut the red onion into small wedges that are the same size as the artichoke hearts. Remove as much of the papery pistachio's skin as you can. Place a single layer of nuts in a heavy-bottomed skillet over medium-high heat and toast stirring frequently until aromatic. Remove from heat immediately, finely chop the nuts and set aside.

Boil several quarts of water to cook the pasta. Heat two tablespoons of olive oil in a large skillet. Add the carrots, onion, garlic and chili flakes and sauté over a medium heat about ten minutes, stirring frequently. Add the artichoke hearts and parsley and sauté, stirring occasionally, about five minutes longer. Stir in the lemon juice and water and immediately turn off the heat.

Cook the pasta until al dente and drain briefly. In a bowl, toss the hot noodles with the remaining two tablespoons of olive oil, four ounces of the feta cheese, and pistachios. Serve pasta on plates and top with sautéed vegetables. Garnish with lemon wedges and crumble remaining feta cheese on top.

ON THE SCREEN

— BY THE TECH ARTS STAFF —

The following movies are playing this weekend at local theaters. The Tech suggests using <<http://www.boston.com>> for a complete listing of times and locations.

★★★★ Excellent

★★★ Good

★★ Fair

★ Poor

15 Minutes (★)

Writer/director John Herfeld's police thriller substitutes trendy camera-style filmmaking over substance of content with predictable results. Robert DeNiro is dull and just goes through the motions as Eddie Flemming, a media-savvy homicide detective on the trail of two hapless criminals who have decided to videotape their crimes and sell them to the local tabloid news program. *15 Minutes* falls flat. — J. F. Graham

American Desi (★★½)

MIT alumnus Deep Katdare stars as Krishna "call me Kris" Reddy, a young Indian-American so deeply assimilated by American culture that only a cute Indian-American girl can lure him back toward his native side. Writer/director Piyush Dinker Pandya sketches some hilarious portraits of kids caught between cultures, but ultimately the film seems to settle for being a very lighthearted and fairly uninteresting romantic comedy. Any serious issues surrounding cultural conflict are left entirely untouched. In the end, the film will only entertain those with a healthy appetite for Indian in-jokes. — Amandeep Loomba

Blow (★★★)

Johnny Depp plays George Jung, the ambitious young capitalist responsible for creating the Colombian cocaine drug trade. Nick Cassavette's and David McKenna's script seems to overly sympathize with Jung and omits the ruthlessness commonly associated with cocaine trafficking. However, director Ted Demme's bio-pic does rise above its own shortcomings. With a great lead turned in by Depp and a wonderful supporting role from Ray Liotta, *Blow* does deliver and is one of the better films available in current release. — JFG

Blow Dry (★½)

As a national hairdressing contest invades a small town in Britain, ex-national champion Phil sharpens up his scissors for the fight of his life against his former rivals in Simon Beaufoy's (*The Full Monty*) new movie, *Blow Dry*. Unfortunately, it is a feckless mish-mash of oddly restrained campiness, sappy sentimentality, and '80s-teen-movie rivalry. — Jed Horne

Bridget Jones's Diary (★★★)

Starring Renee Zellweger, Colin Firth, and

Hugh Grant, *Bridget Jones's Diary* is an entertaining screen adaptation of Helen Fielding's novel. For any girl that has ever struggled with weight, cooking, or men, this movie is a good laugh and shows what one often would like to say but refrains from saying. However, if large amounts of action or very deep drama is what you're in the mood for, don't choose this movie. — Pey-Hua Hwang

Cast Away (★★)

All the physical courage and technical accomplishments of *Cast Away* are not enough to balance its unwieldy structure and make it anything but an extended catalogue of human misery. Just like the central Tom Hanks performance, it is courageous and elaborate — and

Palmineri) to be reincarnated as a rich, white business tycoon. Chris Rock plays his character with genuine enthusiasm and sincerity, and does not even utter a naughty word, conforming to the film's PG-13 rating. — Erik Blankinship

Enemy at the Gates (★★★)

This movie is a combination of an epic war story and a tense game of the hunter and the hunted, as Jude Law and Ed Harris play opposing Russian and German snipers, respectively, in World War II. Joseph Fiennes acts as the Russian press officer who makes a legend of Vassili Zeitsev (Law) and brings him to the attention of the German army, as well as forming part of a love triangle between Zeitsev and female sniper Tania (Rachel Wiesz). This is a

missing position with another woman (her daughter). Acted poorly, written decently, the only merits of the movie stem from its unorthodox and frighteningly unbelievable theme. — Devdoot Majumdar

Memento (★★½)

Christopher Nolan's *Memento* is a puzzle box of a movie, breaking up its narrative and shifting it in time, superbly successful in putting the audience in the same frame of mind as the ticking bomb of a protagonist, who is pursuing a criminal while suffering from memory loss. Top-notch suspense, dark comedy, and abundance of meaning make this a movie to be remembered. About half of the cast of *The Matrix* appears in colorful supporting parts. —VZ

The Mexican (★★½)

The quest for a sought-after object is usually filled with excitement and heartbreaks along the way. *The Mexican* is filled with Julia Roberts, a gay kidnapper, and Mexican thieves. Overall it is a great comedy that is light on an action-packed plot and character development. Though full of laughs, the film will leave you wanting more. — Jacob Beniflah

O Brother, Where Art Thou? (★★★)

The Coan brothers' latest endeavor is clever, witty, and thoroughly enjoyable. With a stellar soundtrack, *O Brother, Where Art Thou?* is adapted from Homer's *Odyssey* — with a Coan brothers twist. George Clooney, John Turturro, and Tim Blake Nelson give excellent performances as three escaped convicts in the South. — Annie S. Choi

Snatch (★★½)

Madonna's new hubby Guy Ritchie, bolstered by the runaway success of his first feature film, *Lock, Stock and Two Smoking Barrels*, can hardly be blamed for sticking to a successful formula — take roughly six Tarantino-esque criminals, throw in a touch of wry British humor, and mix. This fantastically entertaining movie, which deftly mixes a botched diamond heist with the chaos of underground boxing, is a must-see, especially for anyone unfamiliar with Ritchie's first film. — JH

You Can Count On Me (★★★½)

Winner of the 2000 Cannes' Grand Jury Prize, this is a poignant film about a sister and a brother. Offering provocative writing, sincere acting and engaging editing, this film treats you like a friend who's been inadvertently asked to sit in the living room as a family drama unfolds. The characters are real and their challenges tangible. — EB



Johnny Depp (left) and Paul Reubens celebrate in delight of their latest accomplishment in the suggestively titled *Blow*.

surprisingly joyless and little fun to watch. — Vladimir Zelevinsky

Chocolat (★★★)

A nomad opens a chocolate shop during Lent in a small French village. She fights the puritanical mayor while serving her friends a heavenly slice of sin. Juliette Binoche, Judi Dench, and Johnny Depp score in this scrumptious tale of romance and food. A word of caution: make sure you watch this movie on a full stomach, because you'll want to gorge yourself on Godiva afterward. — Mike Hall

Down to Earth (★★½)

Chris Rock plays Lance Barton, an aspiring stand-up comedian who meets an untimely death. He strikes a deal with heavenly angels Keyes (Eugene Levy) and King (Chazz

tale of trust, tragedy, and tension. Those disturbed by graphic violence will not want to see this movie. — PH

Hannibal (★★)

Compared to *The Silence of the Lambs*, this sequel is lacking lead Jodie Foster, director Jonathan Demme, and pretty much the point as well. Ridley Scotts directs by swooshing the camera around and the screenplay (David Mamet and Steven Zaillian, of all people) lurches unevenly. At least Anthony Hopkins still seems to have some fun. — Rebecca Loh & VZ

Heartbreakers (★★)

Sigourney Weaver and Jennifer Love Hewitt star as a devilishly crude mother-and-daughter conning team. The mother hooks a rich bachelor, marries him, and catches him in a compro-

Clubs

Axis
13 Lansdowne St., 617-262-2437

Sundays: See Avalon below.
Mondays: *Static*. Gay, casual dress. \$5, 18+.
Thursdays: *Chrome/Skybar*. Progressive house, soul, disco; dress code. \$10, 19+; \$8, 21+.
Fridays: *Spin Cycle*. Progressive house, 80s. \$12, 19+; \$10, 21+.

Avalon
15 Lansdowne St., 617-262-2424

Sundays: *Gay Night* (with Axis on long weekends). Featuring hardcore house and techno. \$10, 21+.
Thursdays: *International Night*. Eurohouse. \$10, 19+.
Fridays: *Avaland*. House. \$15, 19+.
Saturdays: *Downtown*. Modern house, club classics, and Top 40 hits. \$15, 21+.

Circle
Every Tuesday, 9 p.m.-1 a.m. A small but energy-filled place to hear local DJs spin a range of techno/trance. No age restrictions, no dress code. At the VFW, 371 Summer St. Somerville (take the Red Line to Davis Square). \$5, \$1 before 9:30.

Karma Club
9 Lansdowne St., 617-421-9595

Sundays: "Current dance favorites" by guest DJs. Cover varies.
Tuesdays: *Phatt Tuesdays*. With Bill's bar, modern dance music. \$10.
Wednesdays: *STP*. Gay-friendly, house. \$15, 21+.
Thursdays: *Groove Factor*. House.
Fridays: *Pure*. Drum and bass, guest DJ. \$15, 19+.
Saturdays: *Elements of Life*. International House. \$15.

ManRay
21 Brookline St., Cambridge, 617-864-0400

Wednesdays: *Curses*. Goth. Appropriate dress required. \$5, 19+; \$3, 21+.
Thursdays: *Campus*. Popular tunes + House. Gay, casual dress. \$10, 19+; \$7, 21+.
Fridays: *Fantasy Factory* (First and third Friday of the month. Features kinky fetishes and industrial music.) *Hell Night* (every second Friday, 19+ includes Goth music.) *Ooze* (the last Friday of the month.) \$10, 21+ reduced prices for those wearing fetish gear.
Saturdays: *Liquid*. Disco/house + New Wave. \$15, 19+; \$10, 21+.

Popular Music

Axis
13 Lansdowne St., 617-262-2437
Next: 423-NEXT

May 1: (Hed) Pe.
May 14: Kottonmouth Kings.

Avalon
15 Lansdowne St., 617-262-2424

Apr. 25: The Slip.
Apr. 30: Badly Drawn Boy.

Berklee Performance Center
Berklee College of Music
1140 Boylston St.
Free student recitals and faculty concerts, 4 p.m. and 7 p.m. some weekdays. For info on these concerts, call the Performance Information Line at 747-8820.

Apr. 21: Loretta Laroche.
Apr. 28: Agathonas Iakovidis and Kompania.
May 5: Comics 4a Cause - Brett Butler.

Club Passim
47 Palmer St., Cambridge, 617-492-7679

Tuesdays: Open Mic at 8 p.m. (sign up at 7:30). \$5.
Apr. 22: John Renbourn.
Apr. 22: John Renbourn Workshop.
Apr. 22: Family Folk Chorale.
Apr. 23: Danny Fox Quintet.
Apr. 25: Maria Muldaur.
Apr. 26: Mark Erelli, Stephen Kellogg opens.

Fleet Center

Ticketmaster: 931-2000.
Jun. 5-6, 8-9: U2. Sold out.

The Middle East

Central Square, 354-8238
Ticketmaster: 931-2000.

Apr. 20: Krumsnatcha.
Apr. 22: Jeep.
Apr. 25: Pee Wee Ellis.
Apr. 26: Bloodshot With Heavy Stud.
Apr. 29: Benefit for Refugee Youth.
May 1: Abilene.A

Orpheum Theatre
1 Hamilton Pl., Boston, 617-679-0810
Ticketmaster: 931-2000

On The Town

A weekly guide to the arts in Boston

April 20 - 27

Compiled by Fred Choi

Send submissions to ott@the-tech.mit.edu or by interdepartmental mail to "On The Town," The Tech, W20-483.

Apr. 28: David Gray.

Tsongas Arena
Lowell, MA
Ticketmaster: 931-2000.

Apr. 21: Dance Hall Hip-hop
Explosion Mop Bravehearts
Sean Paul.
Apr. 30: Van Morrison.

T.T. the Bear's Place
10 Brookline St., Cambridge, 617-492-BEAR

Apr. 20: The Naked Sams, Bastards of Melody, Dragstrip Courage, Swinging Lovehammers, Rocketscience.
Apr. 21: Delta Clutch, Envelope, Red Telephone, Scout, Meghan Toohey.
Apr. 22: Rebecca Hart, Renata, The Ramblers.
Apr. 23: Marshall Crenshaw.
Apr. 24: Jesse Perkins, Chris Millis, Califone.
Apr. 25: Reeves Gabrels.
Apr. 26: Tracy Husky, Three Day Threshold, Hip Tanaka, The Control Group.
Apr. 27: The Jupiter Project, The Douglas Fir, Ad Frank CD Release, Francine.
Apr. 29: The Holy Childhood, The Color Forms, Alchemilla.
Apr. 30: The Other Side Of The Bear Acoustic Series: Brenda White, Julie Wilson, Meghan Cary.

Tweeter Center for the Performing Arts (Great Woods)
885 South Main St., Mansfield, MA 02048
Ticketmaster: 931-2000

Jun. 11: The Black Crowes and Oasis.
Jun. 22: The Allman Brothers Band.
Jul. 25: Bon Jovi.
Aug. 8: Ozzfest 2001.

Jazz Music

Regattabar
Concertix: 876-7777
1 Bennett St., Cambridge 02138, 617-662-5000

Apr. 27: Dominique Eade.
Apr. 24: Charlie Kohlase Quintet.
Apr. 25: Issi Rozen.
Apr. 26: Rusty Scott Quintet.
Apr. 27: Dominique Eade.
May 1: Sugar Ray & the Bluestones.
May 2-3: Joey Calderazzo Trio.
May 4-5: Mike Stern Quartet.
May 10-12: Gonzalo Rubalcaba Trio.

Scullers Jazz Club
DoubleTree Guest Suites, 400 Soldiers Field Rd., Boston, 617-562-4111

Apr. 20-21: Roy Ayers & Ubiquity.
Apr. 24: Average White Band.
Apr. 25-26: Kenny Garrett.
Apr. 27-28: Michel Camilo.
May 2-3: Jacky Terrasson Trio.
May 4-5: Shirley Horn Trio.

Classical Music

Boston Symphony Orchestra
Tickets: 266-1492.
Performances at Symphony Hall. Call for ticket prices.
For MIT Students: Tickets are offered for Th. evening concerts (8 p.m.) and Fri. afternoon concerts (1:30 p.m.) and are available on the day of the concert only at the BSO Box Office at Symphony Hall (301 Mass. Ave. Open 10 a.m.-6 p.m.). Two tickets may be obtained with two current valid MIT student IDs, subject to availability. For updated MIT student ticket availability, call 638-9478 after 10 a.m. on the day of concert.

Apr. 21, 24 at 8 p.m.: All-Beethoven Program: *Coriolan* Overture, Piano Concerto No. 2, Piano Concerto No. 4. Seiji Ozawa, conductor; Alfred Brendel, piano. Sold Out.

Apr. 27, 28 at 8 p.m.: All-Beethoven Program: *Consecration of the House* Overture, Symphony No. 8, Piano Concerto No. 5, Emperor. Seiji Ozawa, conductor; Alfred Brendel, piano. Sold Out.

Un Ballo in Maschera

Apr. 20, 24 at 8 p.m., Apr. 22 at 2 p.m. at (Emerson Majestic Theatre, 221 Tremont St., Boston). Verdi's classic opera, notable for its effective mix of tragedy, music drama and comedy. This revival of the Met's impressive staging stars Franco Farina as King Gustavo, Alexander Agache as Anckarstroem (the spurned husband) and Michele Crider as Amelia, the woman caught in the middle. Tickets: \$65, \$47, \$33, \$18.

The Metamorphosen Chamber Orchestra
Sun. Apr. 29 at 8 p.m. at the Jordan Hall, New England Conservatory of Music. Coleman: Work for Flute (World Premiere); Strauss: *Metamorphosen* (1945); O'Connor: *American Seasons*. Scott Yoo, music director; Mark O'Connor, violin; Elizabeth Ostling, flute. Metamorphosen will conclude the season accompanied by the phenomenal, 2001 Grammy Award-winning violinist, Mark O'Connor, in the Boston Premiere of a new work entitled *American Seasons*, which will later be recorded on the Sony Classical label. Mark won his Grammy this year with Yo-Yo Ma in an album entitled *Appalachian Journey*. The commission for the evening will be by Dan Coleman in a work for flute and orchestra. This special program will also include a reprise of the orchestra's signature work, Strauss' *Metamorphosen*. Visit www.metamorphosen.org for more information or to reserve tickets.

Theater

Les Misérables

Through May 20: The classic Broadway epic returns to Boston. At the Colonial Theatre (106 Boylston St., Boston). Show is at 8 p.m. except for Sundays (shows at 1:30 p.m. and 7:30 p.m.), matinee Apr. 21 (2 p.m.) and no show Mondays. Tickets: General: \$24, \$54, \$64, \$69, \$74. Call Ticketmaster to make reservations (617-931-2000).

The Dumb Waiter
Apr. 20-21 at 8 p.m.; Apr. 21 at 4 p.m.; Apr. 8, 15 at 3 p.m. The Boiler Company presents Harold Pinter's brilliant mix of comedy and suspense, in which two hitmen visit a dilapidated boarding house and anxiously await their unknown prey. At the Threshold Theater in the Piano Factory on the corner of Tremont St. and Northampton St., one block south of Mass. Ave. Take the Orange Line to Mass. Ave. stop. Enter theater through parking lot on Northampton. Tickets \$16, \$13 students with ID. Tickets available at the door, through BosTix, and by reservation 508-579-5686.

The Complete History of America (Abridged)

Apr. 21 at 2 p.m. and 8 p.m., Apr. 22 at 2 p.m., at the Ruth Nagel Jones Theatre Alumnae Hall, Wellesley College. Written by Adam Long, Reed Martin, Austin Tichenor. Dir. by Nora Hussey. Call 781-283-2000 for more information or to make reservations. Tickets are \$12 General Admission, \$7 for students seniors and Wellesley Faculty and Staff, Free for Wellesley and MIT students.

Comedy Connection
Mon.-Wed. at 8 p.m.; Thurs. 8:30 p.m.; Fri. and Sat. 8 p.m., 10:15 p.m.; Sun. 7 p.m. The oldest comedy club in Boston showcases big-name, national comedians on weekends and up-and-coming local talent during the week. At 245 Quincy Market Place, Faneuil Hall, Upper Rotunda, Boston. Admission \$10-\$8 (weekend prices vary). Call 248-9700 for more information and a complete schedule.

Blue Man Group
Charles Playhouse, 74 Warren-ton Street, Boston, indefinitely. Curtain is at 8 p.m. on Wednesday and Thursday, at 7 and 10 p.m. on Friday and Saturday, and at 3 and 6 p.m. on Sunday. Tickets \$35 to \$45. Call 426-6912 for tickets and information on how to see the show for free by ushering.



COURTESY BROADWAY IN BOSTON

Les Misérables returns triumphantly to Boston through May 20 at the Colonial Theatre.

Exhibits

The Institute of Contemporary Art
50 Dalton St., Boston. (266-5152). Wed. & Fri: 12 p.m. - 5 p.m.; Thurs: 12 p.m. - 9 p.m.; Sat. - Sun: 11 a.m. - 5 p.m. Admission \$6 adults, \$4 seniors and students, free Thursday after 5 p.m.

Isabella Stewart Gardner Museum
280 The Fenway, Boston. (566-1401). Tues.-Sun. 11 a.m.-5 p.m. Admission \$10 (\$11 on weekends), \$7 for seniors, \$5 for students with ID (\$3 on Wed.), free for children under 18. The museum, built in the style of a 15th-century Venetian palace, houses more than 2500 art objects, with emphasis on Italian Renaissance and 17th-century Dutch works. Among the highlights are works by Rembrandt, Botticelli, Raphael, Titian, and Whistler. Guided tours given Fridays at 2:30 p.m.

Museum of Fine Arts
465 Huntington Ave., Boston. (267-9300). Mon.-Tues., 10 a.m.-4:45 p.m.; Wed., 10 a.m.-9:45 p.m.; Thurs.-Fri., 10 a.m.-5 p.m.; Sat.-Sun., 10 a.m.-5:45 p.m. West Wing open Thurs.-Fri. until 9:45 p.m. Admission free with MIT ID, otherwise \$10, \$8 for students and seniors, children under 17 free; \$2 after 5 p.m. Thurs.-Fri., free Wed. after 4 p.m.

Mon.-Fri.: introductory walks through all collections begin at 10:30 a.m. and 1:30 p.m.; "Asian, Egyptian, and Classical Walks" begin at 11:30 a.m.; "American Painting and Decora-

tive Arts Walks" begin at 12:30 p.m.; "European Painting and Decorative Arts Walks" begin at 2:30 p.m.; Introductory tours are also offered Sat. at 11 a.m. and 1:30 p.m.

Permanent Gallery Installations: "Late Gothic Gallery," featuring a restored 15th-century stained glass window from Hampton Court, 14th- and 15th-century stone, alabaster, and polychrome wood sculptures from France and the Netherlands; "Mummy Mask Gallery," a newly renovated Egyptian gallery, features primitive masks dating from as far back as 2500 B.C.; "European Decorative Arts from 1950 to the Present"; "John Singer Sargent: Studies for MFA and Boston Public Library Murals."

Gallery lectures are free with museum admission.

Museum of Science
Science Park, Boston. (723-2500). Daily, 9 a.m.-5 p.m.; Fri.,

9 a.m.-9 p.m.; Sat.-Sun., 9 a.m.-5 p.m. Admission free with MIT ID, otherwise \$9, \$7 for children 3-14 and seniors.

The Museum features the theater of electricity (with indoor thunder-and-lightning shows daily) and more than 600 hands-on exhibits. Ongoing: "Discovery Center"; "Investigate! A See-For-Yourself Exhibit"; "Science in the Park: Playing with Forces and Motion"; "Seeing Is Deceiving."

Ongoing: "Friday Night Stargazing," Fri., 8:30 p.m.; "Welcome to the Universe," daily; "Quest for Contact: Are We Alone?" daily. Admission to Omni, laser, and planetarium shows is \$7.50, \$5.50 for children and seniors.

Other Events

Eventworks

Through May 5: An annual spring festival of multi-media and performing arts run by Massachusetts College of Art's Studio for Interrelated Media (SIM) program. The festival was founded in 1977 to provide venues for new experimental works and to create a link within the college environment and the professional art world. In the 24 years since, Eventworks has presented hundreds of artists working in music, installation, film, video, performance, dance, sound, and more. Located at 621 Huntington Ave., Boston 02115. Take the Green Line E train to the Longwood Medical stop. For more information, visit <www.massart.edu/~eventworks> or call 617-879-7726.

Topics in Film: Frames of Mind

Through Apr. 24: All festival films will be screened at Harvard Film Archive, located at the lower level of the Carpenter Center for the Visual Arts, 24 Quincy St. Cambridge 617-495-4700 for more info, or visit <www.harvardfilmarchive.org> for a complete schedule. Tickets \$7, \$5 students, seniors. Tickets may be purchased at the Harvard Box Office, located at: Holyoke Center Arcade, 1350 Massachusetts Ave., Cambridge, MA. For ticketing info, call 617-496-2222 or TTY: 617-495-1642.

Apr. 25 at 7 p.m.: *The Matrix* (Dir. by Andy and Larry Wachowski. US 1999, 35mm, color, 136 min. With Keanu Reeves, Laurence Fishburne, Carrie-Anne Moss). One of the top grossing films of 1999, Andy and Larry Wachowski's *The Matrix* set a new benchmark in movie special effects. A heady blend of classic science-fiction stories such as *Alien*, *Soylent Green*, and *The Terminator* with Chinese martial arts films, Japanese animation, and American comic art.

3rd Annual Boston Irish Film Festival

Apr. 20-22 at the Harvard Film Archive in Harvard Square, Cambridge, MA. The weekend includes the U.S. Premiere of the hit Irish comedy *Rat* and special Guest director Pat Murphy who will introduce her new film *Nora*, based on the love affair between James Joyce and Nora Barnacle starring Ewan McGregor as Joyce. Visit the festival website at <www.irish-filmfestival.com> for a full listing and costs of all events and screenings.

17th Annual Boston Gay & Lesbian Film/Video Festival

May 2-20. Tickets \$9 (students, seniors, members \$8). Tickets for opening night films on May 2 and 3 are \$12 (students/seniors/members \$10). Tickets for "Chrissy" on May 20 are \$5.

Festival highlights include: *Julie Johnson* (May 2), starring Courtney Love and Lili Taylor; the world premiere of *All Over the Guy* (May 3), with visiting director Julie Davis; *Southern Comfort* (May 5), winner of Best Documentary at the Sundance Film Festival, with visiting director Kate Davis; *Hedwig and the Angry Inch* (May 10), winner of the Sundance Film Festival Audience and Director awards; and *Nico and Dani* (May 18), winner of the Youth Award at the Cannes Film Festival.

FRED'S PICK OF THE WEEK

Alvin Ailey American Dance Theater

Apr. 21 at 8 p.m., Apr. 21 at 2 p.m., Apr. 22 at 3 p.m. At the Wang Theatre (270 Tremont St., Boston, 617-482-9393). Alvin Ailey's groundbreaking dance group presents a show that includes classic works from its much-celebrated repertoire. Many of these pieces are rooted in Ailey's personal experiences: "Blues Suite" inhabits the rural, Depression-era Texas of Ailey's childhood, while "Cry" depicts a black woman's transcendent journey through slavery. With rich musical selections (ranging from Fela Kuti's African pop and Duke Ellington's jazz to rock, gospel and traditional blues) and inventive direction (in the new work "Double Exposure," dancers are equipped with wireless cameras that relay real-time 20-foot projections behind them), the Ailey family has put together a performance that catapults the senses. Tickets are \$55-\$35, \$40-\$20 for matinees, and are available through TeleCharge at 800-447-7400 or via <www.celebrityseries.org>.

The MIT Logarhythms

Spring A Capella Concert

Saturday, April 21, 2001

@ MIT, Room 10-250

Begins 7 PM



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VIOLIN RECITAL

STEFAN MILENKOVICH

will perform

*Bach, Beethoven, Bloch, Paganini, Dvorak***Sunday, April 29th 8pm**
Kresge AuditoriumTickets: \$5 for students,
\$10 general public
sold in Lobby 10, M-F, 12-2pm

Proceeds donated to charity

Reception will follow the recital

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and aid from President's, Provost's
and Chancellor's Offices, Graduate
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Program of the Council for the Arts
at MIT.<http://web.mit.edu/most/www>

At 24, Mr. Milenkovich is an internationally distinguished violinist and a teaching fellow at Juilliard's DeLay Institute. Celebrated as a child prodigy, he performed extensively at the age of seven and was invited to play for President Reagan at the age of 10, for Mikhail Gorbachev at the age of 11, and for the Pope at the age of 14. He gave his 1,000th concert when he was only 16. He plays on a Stradivarius, on extended loan through the Stradivari Society.



Students Get Ready For Weekend Rallies

Groups to Address FTAA, Abortion Rights

By Naveen Sunkavally

NEWS EDITOR

MIT students aren't exactly known for their political activism, but this weekend two groups of students will be participating in high-profile protests.

Ten students, of whom half are affiliated with the Social Justice Cooperative, will head to Quebec City this weekend to protest the Free Trade Area of the Americas conference that starts today.

Protesters charge that the FTAA agreement, basically an extension of the North American Free Trade Agreement to Central America and South America, will give corporations the ability to evade social welfare regulations in countries and will hurt workers abroad and in the United States.

In addition to the FTAA protest, a group of six students is going to participate in a march on Washington on Sunday organized by the National Organization for Women, Planned Parenthood, and the National Abortion Reproductive Rights Action League (NARAL).

Students prepare for conference

MIT's Green Party coordinated a conference last weekend to prepare and educate students on the FTAA. The conference featured keynote speakers and economists Arthur McCowan from UMass-Boston and Raul Moreno from the University of El Salvador. Mexican indigenous leader Juan Carlos Beas Torres spoke about the effect of NAFTA on free trade and the environment.

"The fundamental misunderstanding of the FTAA is that it's not merely about free trade," said MIT Green Party President David J. Strozzi G. Strozzi said that the FTAA agreement, which has been negotiated in secret and can only be seen by the top 500 corporations, represents an agreement among the elite of countries. Peasants, who will be adversely affected, will have no input into the process.

In addition, Strozzi said that the FTAA agreement would enable corporations to sue governments when free trade is threatened — even if the governments are putting in rules that are for social welfare, such as health care, child labor, or environmental legislation.

"All of us feel strongly about it being in secret. We are aware of the way NAFTA has affected border towns, and we feel strongly about the anti-globalization movement," said Abigail S. Popp '02, who is coordinating the trip to Quebec.

The Boston Global Action Network is also sending up buses of protesters to Quebec, with the possibility that buses may be turned away at the border.

Protesters will head to Washington

Every few years, the National Organization for Women, along with other organizations, coordinates a march on Washington in support of reproductive rights. This year's march will feature speakers such as Patricia Ireland, the president of NOW; Gloria Feldt of Planned Parenthood; and U.S. Representative Jerrold Nadler (D-N.Y.).

Susan M. Buchman '01, who is organizing students at MIT along with the Massachusetts Chapter of NOW, spoke about the Bush administration's efforts to reverse the 1973 Roe vs. Wade decision legalizing abortion.

She said that under Bush the United States issued a "global gag rule" threatening to cut off aid to any international relief organization that even mentioned the word "abortion."

In addition, Bush has moved to cut contraceptive benefits for federal employees, Buchman said, while the drug Viagra is fully covered by insurance companies everywhere.

April 23-27 is MIT pro-choice week and will include a "Choose Your Own Flower Sale" at a booth in the Student Center.

Teaching Fellows Wanted for

MISSION 2005:

Exploring the Deep Sea

*Do you enjoy helping freshmen?
Are you eager to share your love
of research? Have you always
wanted to teach?*

If the answers to these questions are 'Yes!', you should be interested in teaching for 12,000, *Solving Complex Problems*, a new project-based subject that will be offered this fall to 100 freshmen. For each team of five freshmen, a Teaching Fellow will be their coach in the process of researching their team's mission task and working with other teams to collaborate. We are looking for 20 enthusiastic undergraduates in all disciplines to join us in this interactive way of teaching freshmen at MIT. Undergraduates continuing as M.Eng. students are also welcome to apply. TFs may choose to receive credit or pay.

Deadline extended to Tuesday, April 24th:

[http://mit.edu/firstyear/
mission2005/tf.html](http://mit.edu/firstyear/mission2005/tf.html)

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**MIT Department of
FACILITIES****CAMPUS CONSTRUCTION UPDATE****SPORTS AND FITNESS**

Concrete delivery and pouring may disrupt pedestrian and vehicular traffic and cause noise and some utility shutdowns.

LOBBY 7

A major restoration to Lobby 7 has begun. Preliminary testing of cleaning methods will be conducted prior to the restoration. Work this spring and summer includes a cleaning of the dome and masonry, lighting replacements, and the opening of the skylight.

STATA CENTER

Expect high volumes of truck traffic delivering concrete and reinforced steel for the foundation.

SIMMONS HALL

The placement of concrete may generate noise and affect vehicular traffic. Activity on the Vassar Street duct bank may affect pedestrian way finding.

DREYFUS CHEMISTRY BUILDING

Construction of the labs on the west side of the building has begun may cause a high noise level between the hours of 6:00 AM and 2:00 PM.

70 PACIFIC STREET (GRADUATE HOUSING)

Site utility installation and the pouring of concrete foundations may generate dust, noise and cause disruption to vehicular traffic.

UTILITY INSTALLATION

The driving of steel sheeting in the northwest sector of campus may cause vibrations and disturbance to the surrounding area.

This information is provided by the Department of Facilities:
web.mit.edu/facilities/www/construction/

Interim RBA Report Highlights Strengths Of Fall-Term Pilots

By Jennifer Young
STAFF REPORTER

An interim report on this year's residence-based advising (RBA) pilot programs emphasizes the system's successes.

The report was released at an open forum on RBA held on Wednesday.

The Undergraduate Association Committee on Housing and Orientation and the UA Student Committee on Educational Policy hosted the forum in Room 10-250. The forum gave concerned students the opportunity to discuss the release of the interim report and the recent decisions of German House and Next House to implement RBA next year.

The report gave a mid-year assessment of the pilot RBA programs in McCormick Hall and Random Hall. The review of the McCormick pilot described overall satisfaction with the program and increased leadership and involvement within the dormitory. McCormick resident associate adviser Monica Gupta '03 said, "The overall feeling is that it was phenomenal. It was great to pull in all of our resources to get things done."

Random's pilot program, which does not localize advising seminars but provides faculty house fellows and resident associate advisers, was less dramatic in its effects than the McCormick program. Random Hall President and associate adviser Matthew S. Cain '02 expressed Random's desire to "make some changes in the details of the implementation," but described the program as "another layer of support. It takes helpful upperclassmen, gives them resources, and makes them super-helpful upperclassmen."

Administrators discussed the successes of and necessary improvements to these programs and

emphasized a desire to be flexible. Ricky A. Gresh of the Residential Life and Student Life Programs office said, "No matter what happens, students are going to move around. Any advising system that doesn't let students do that will not be effective."

Julie S. Norman of the Academic Resource Center (ARC) responded similarly to concerns that advising options could become too narrowed, saying, "There is no definite model that is going to fit every student."

SCEP co-chair and UA councilor from Next House Victoria K. Anderson '02 noted the administrative desire to allow several options for freshman advising. "It was clear from the forum that students are not in favor of just one system of advising for freshmen, and it was also clear in talking with the administrators present that they have no intention of implementing a program that would do this."

The ARC, RLSLP, and the Health Education Office at MIT Medical were responsible for the interim report.

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to the questions:

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2. How is he relevant
to my life today?



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Mondays at 5:30 pm from April 23rd to May 14th

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April
20, 2001

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FUN

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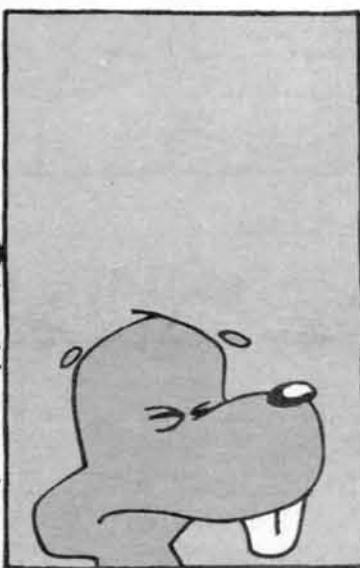
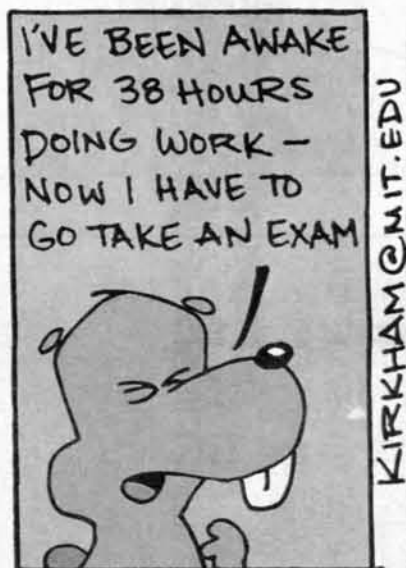
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Down with Science

by Jennifer DiMase



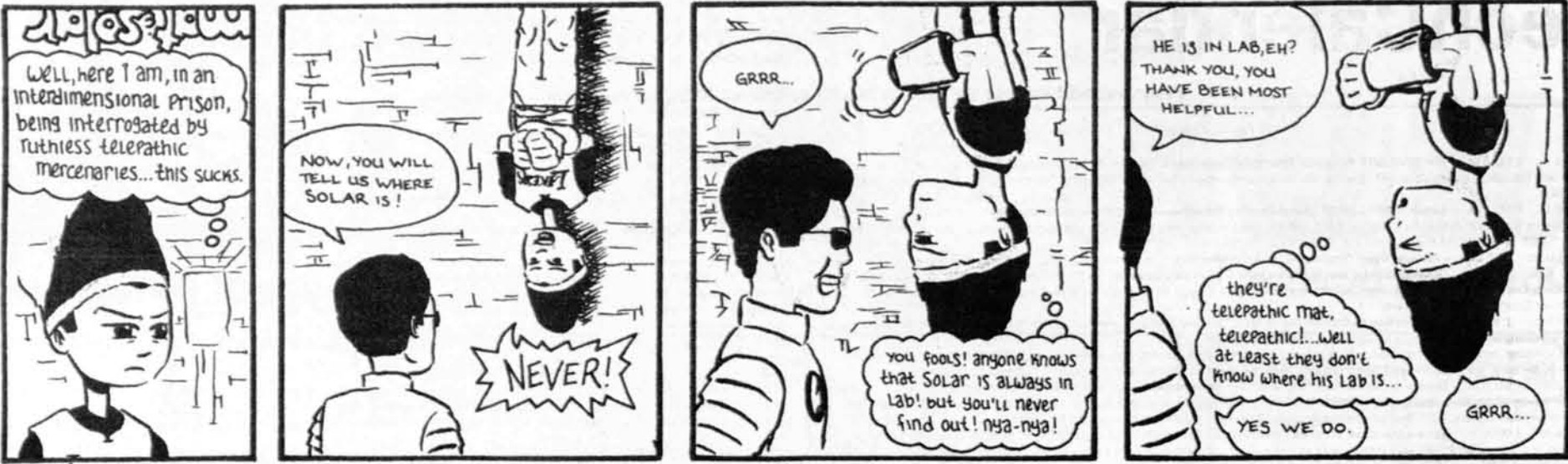
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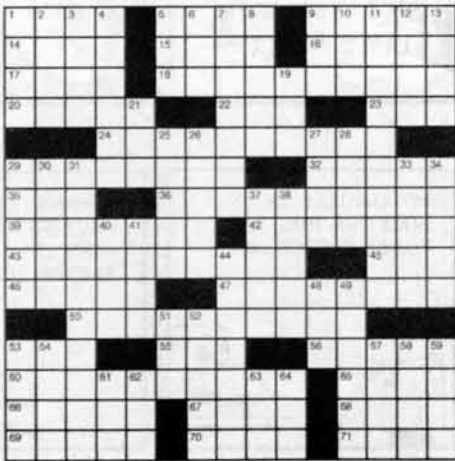


FOR MORE INFORMATION, find us online at: www.ce.columbia.edu/ys/

Crossword Puzzle

Solution, page 24

- ACROSS
- 1 Landlocked African nation
- 5 Secular
- 9 Doctor deterrent?
- 14 Astronaut Shepard
- 15 River in Tuscany
- 16 Removed skin
- 17 "we forget..."
- 18 Soon
- 20 Hawaiian shrub
- 22 Luau garland
- 23 Enemy
- 24 Noted muckraker
- 29 Rhythm instrument
- 32 WWII surrender site
- 35 High mount
- 36 Concocting
- 39 Likes
- 42 Produce milk
- 43 Urger
- 45 Hemi-score
- 46 Do up laces, again
- 47 Healthiest looking
- 50 Portion
- 53 ...tac-toe
- 55 Drench
- 56 Makes insensitive
- 60 Friedrich and Xaviera
- 65 Kind of estate?
- 66 Mr. T's outfit
- 67 Realm
- 68 Stanley Gardner
- 69 Stingingly
- 70 Invitation acronym
- 71 Property record
- DOWN
- 1 Shopping center
- 2 Toward shelter
- 3 Whip stroke
- 4 Have a funny feeling
- 5 Science research rm.
- 6 "We the World"
- 7 Exaggerate
- 8 Pigeon, at times
- 9 Galoot
- 10 Chum
- 11 Recklessly wasteful
- 12 Late-night Jay
- 13 Transition point
- 19 Chest bone
- 21 Nabokov heroine
- 25 Choice of conjunctions
- 26 ...incognita
- 27 the Red
- 28 Made an advance?
- 29 Basketball player
- 30 Unchallenged
- 31 Eyeglasses
- 33 Muffles
- 34 Exhausted
- 37 Native Alaskan
- 38 Gras
- 40 Dirt
- 41 Combustible stuff
- 44 Cheese scrapers
- 48 Put on
- 49 Accustomed
- 51 Possess
- 52 Fragrant wood
- 53 Return to water
- 54 Scintilla
- 57 Nothing more than
- 58 Bound bundle
- 59 Snowmobile
- 61 Kiddie seat?
- 62 Singer Grant
- 63 N.T. book
- 64 Blackjack



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TechCalendar appears in each issue of *The Tech* and features events for members of the MIT community. *The Tech* makes no guarantees as to the accuracy of this information, and *The Tech* shall not be held liable for any losses, including, but not limited to, damages resulting from attendance of an event. Contact information for all events is available from the TechCalendar web page.

Friday, April 20

Saturday, April 21

Sunday, April 22

1:00 p.m. - 5:30 p.m. - **Ballroom Dance Lessons.** V.Waltz 1 at 1 p.m., Int. Rhumba 2 at 2 p.m., Arg. Tango 3 at 4:30 p.m. Free social dancing from 3:30-4:30 p.m. \$1 to \$5. Room: Sala de Puerto Rico. Sponsor: Ballroom Dance Club.

3:00 p.m. - **Movements in Time Spring Concert.** Movements In Time Dance Company, an amateur dance group at MIT, exposes dancers within the MIT community to professional quality choreography in a wide range of dance techniques, including ballet.

modern, jazz, hip-hop, pointe and rap. Guest performances by MIT's Mocha Moves, Black Out (Boston theater arts group), and Raw Material. Sponsored in part by the Council for the Arts at MIT. \$5. Room: Kresge Auditorium. Sponsor: Movements in Time.

Monday, April 23

12:00 p.m. – **Arts Colloquia: Arts Colloquium.** MIT faculty and staff are invited to hear Music Lecturer Elena Ruehr speak on her work. Lunch will be served; reservations required by April 18. free. Room: TBA. Sponsor: Associate Provost for the Arts.

12:00 p.m. - 1:30 p.m. – **Mac Tech Partners User Group.** free. Room: N42 Demo Center. Sponsor: Information Systems.

12:00 p.m. - 4:00 p.m. – **Free Lunch Talk: "A bright idea for Electrical Engineers from LUTRON."** The International Human Resources Manager for Lutron, the world leader in lighting controls since 1961 (www.lutron.com), is visiting the MIT campus Monday, April 23 from noon. The company is expanding its international operations and is looking for bright individuals who want an overseas career. To make time for a brief interview and take advantage of this splendid opportunity, call 617.252.1483 or e-mail exsem_01@mit.edu with your availability. free. Room: E38-6th floor, Conference Room. Sponsor: MIT Japan Program.

12:00 p.m. - 1:00 p.m. – **Windows NT Partners User Group.** The NT Partners is a group of Windows NT workstation users and administrators who have banded together to support each other in the use of Windows NT. NT Partners share their NT experiences, ask and answer questions, solve problems, discuss hot topics, and warn each other of pitfalls. Any NT user at any level of expertise and experience is welcome to join the group and attend meetings. free. Room: 2-142. Sponsor: Information Systems.

3:00 p.m. - 5:00 p.m. – **Mellon-MIT Program on NGOs and Forced Migration - research presentation.** Dr. Akinola of the DuBois Institute at Harvard University will speak on "When the Guns Go Silent Again: Refugees, NGOs, and the Entreat Transition" and Dan Metz, graduate student in MIT's political science department, will speak on "Meeting the Humanitarian Agenda During Internal Conflict: International NGOs and the Relief Society of Tigray." free. Room: contact CIS for location info for this session. Sponsor: Center for International Studies. Oxfam America and Grassroots International.

3:00 p.m. – **Baseball vs. Bates College.** free. Baseball field. Sponsor: Department of Athletics.

3:30 p.m. - 4:30 p.m. – **"Extensions to a theorem of Jorgens, Calabi, and Pogorelov."** free. Room: 4-159. Sponsor: Differential Geometry Seminar. Department of Mathematics.

4:00 p.m. – **Genome-Wide Expression Data Analysis: From Tools to Predictive Models.** DNA microarray technology and genome sequencing have advanced to the point that it is now possible to monitor gene expression levels on a genomic scale. These new data promise to enhance fundamental understanding of life on the molecular level, and may prove useful in medical diagnosis, treatment, and drug design. free. Room: E25-401. Sponsor: HST.

4:00 p.m. - 5:00 p.m. – **"Microchemical Systems— Materials and Applications".** CMSE Colloquium Series. free. Room: 13-2137. Sponsor: Center for Materials Science & Engineering.

5:30 p.m. - 7:30 p.m. – **Aga Khan Lecture: Urban Development and Patronage of Islamic Architecture in 15th - 17th Century Ottoman Bosnia/Hercegovina.** free. Room: MIT room 3-133. Sponsor: Aga Khan Program for Islamic Architecture.

5:30 p.m. - 6:30 p.m. – **Investigative Bible Discussion.** Wanted: Students who are curious about 1. Who is Jesus?, and 2. How is He relevant to my life today? If that's you, join us for an interactive search through the Bible about Jesus's life and teachings. free. Room: Student Center Private Dining Room 2. Sponsor: Graduate Christian Fellowship.

6:00 p.m. – **Advanced Music Performance Concert.** Materials science and engineering graduate student Rachel Levinson, violin student of Lynn Chang. With Alison D'amato, piano. A concert based on American Jazz and Blues: Suite for Violin and Piano, 1943 by William Grant Still; Copland's Nocturne; Ravel's Sonate pour violon et piano. free. Room: Killian Hall. Sponsor: Music and Theater Arts Section.

7:00 p.m. – **The Black Hole at the Center of Our Galaxy - Ford/MIT Nobel Laureate Lecture Series.** free. Room: 10-250. Sponsor: Office of Special Community Services, MIT Lecture Series Committee, Office of the Chancellor.

Tuesday, April 24

12:00 p.m. - 2:00 p.m. - **Linking Infrastructures.** DIBNER Institute Luncheon Colloquia. free. Room: E56-100. Sponsor: DIBNER Institute.

12:00 p.m. - 1:00 p.m. - **Microsoft Word User Group.** The MIT Microsoft Word User Group (WUG) was formed for people at MIT, from beginners to experts, who are using or interested in learning to use Microsoft Word word processing software. free. Room: N42 Demo Center. Sponsor: Information Systems.

12:30 p.m. - 2:00 p.m. - **Civic Environmentalism: Democratic Pathways to Sustainability - A Roundtable Series.** Innovations in Policy and Regulations. free. Room: Harvard University, JFK School, Littauer 3rd Floor, Fainsod Room. Sponsor: Department of Urban Studies and Planning.

2:00 p.m. - 3:00 p.m. - **Special EECS Seminar.** Quantum Devices for Ultrafast Optical Switching. free. Room: Grier Room B, 34-401B (Refreshments served at 1:45 p.m.). Sponsor: Research Lab of Electronics.

4:00 p.m. - 5:00 p.m. - **MTL VLSI Seminar Series.** High-Performance CMOS Technology Development at IBM. free. Room: 34-101. Sponsor: MTL VLSI Seminar.

4:00 p.m. - 6:00 p.m. - **Japan Forum: "The Political Dimension of the US-Japan Alliance."** The guest speaker, Mr. Takashi Oka is formerly Tokyo Bureau Chief for the New York Times and Chief Asia Correspondent for the Christian Science Monitor. In 1994 he became staff director for the New Frontier Party and since 1999 has been Washington representative of the Liberal Party and its leader, Ichiro Ozawa. free. Room: E38-7th Floor, Conference Room. Sponsor: MIT Japan Program, Center for International Studies.

4:15 p.m. - 5:30 p.m. - **Gas Turbine Seminar Series.** free. Room: 31-161. Sponsor: Gas Turbine Laboratory.

4:30 p.m. - 6:00 p.m. - **"Transnational Political Activities of Migrant Groups: Some Comparisons from Refugee Camps and the Boston Area."** Prof. Jacobsen is Director of the Refugees and Forced Migration Program at the Feinstein International Famine Center at Tufts, and Prof. Levitt teaches Sociology at Wellesley College. This is a session of the Inter-University Seminar on International Migration. free. Room: E38-615. Sponsor: Center for International Studies.

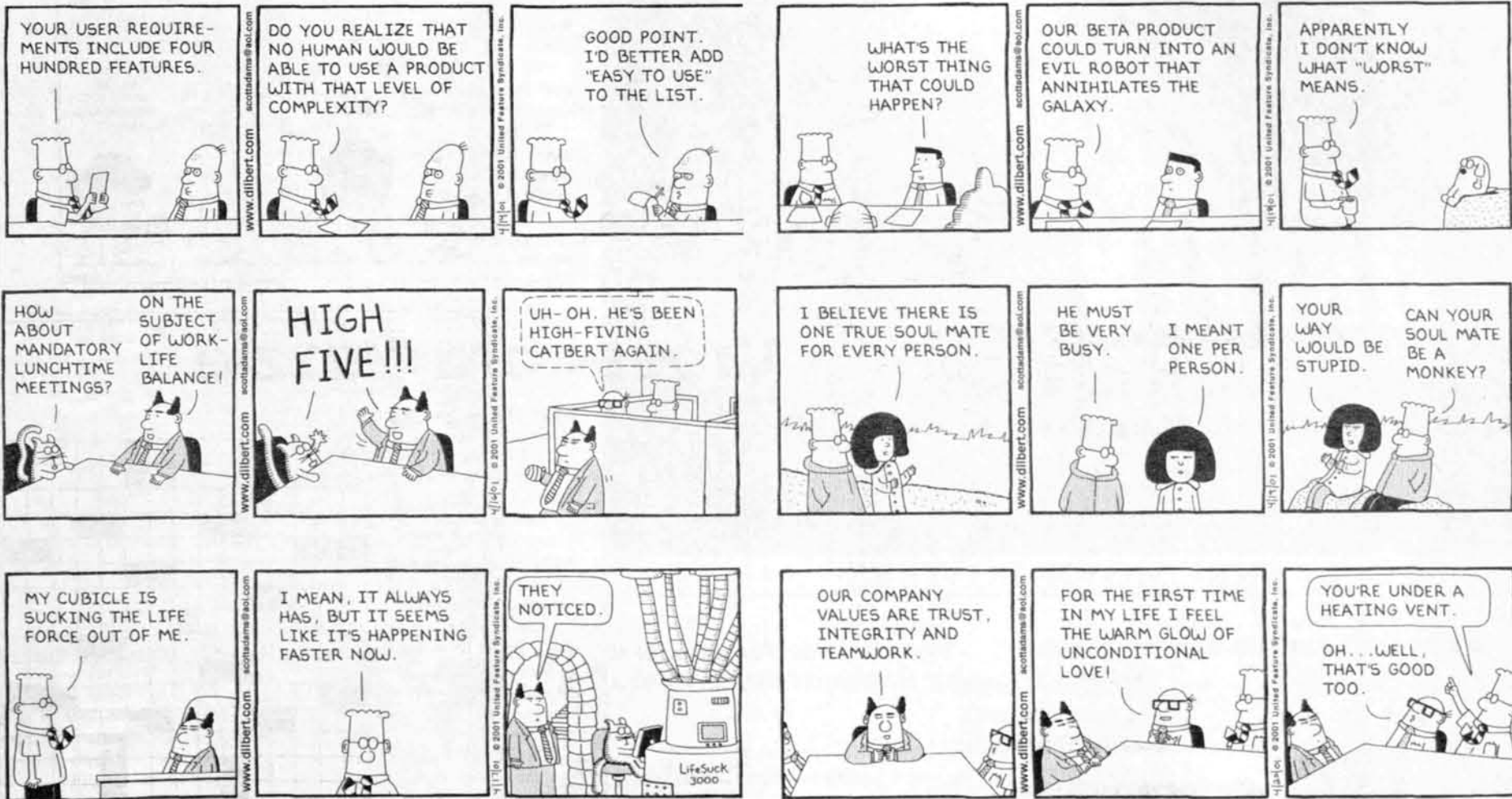
4:30 p.m. - **A Two-State Solution in the Holy Land: Is There Still Time?** A session of the Emile Bustani Middle East Seminar. (This is a re-scheduled event from March 6 when it was snowed out). free. Room: E51-095. Sponsor: Center for International Studies.

5:00 p.m. - **Internet in Costa Rica.** Dr. Guy de Teramond, Minister of Science and Technology in Costa Rica, will be giving a lecture on "Internet in Costa Rica and Central America: Past, Present, free. Room: 6-120. Sponsor: Center for Bilingual/Bicultural Studies, The Martin and Wallenberg Fellows for Sustainability.

5:30 p.m. - 7:30 p.m. - **Agá Khan Lecture.** Ottoman expressions of early modernity and the inevitable question of westernization. free. Room: 4-231. Sponsor: Agá Khan Program for Islamic Architecture.

6:30 p.m. - **Architecture Lecture: "Interior/Exterior Visibilities."** Talk by Elaine Sturtevant, artist, Paris. free. Room: 10-250. Sponsor: Department of Architecture.

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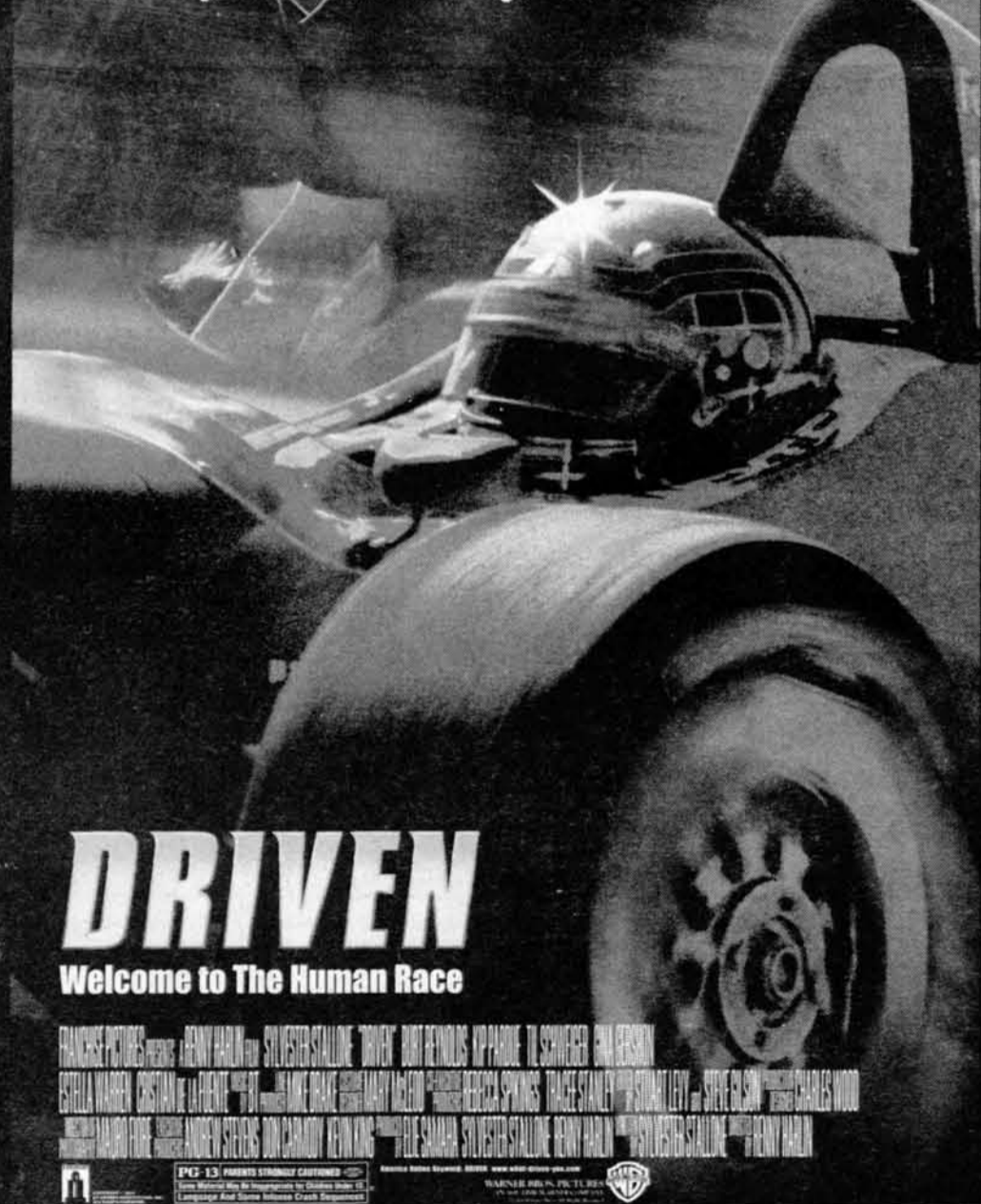
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Harvard Students Stage Labor Sit-in

Students Take over Building, Demand Living Wage of \$10.25 for All Employees

FROM UNIVERSITY WIRE

Nearly 50 members of the Progressive Student Labor Movement (PSLM) began a sit-in at Massachusetts Hall at 1:30 p.m. Wednesday, planning to remain indefinitely in the administrative building to demand a living wage of at least \$ 10.25 per hour for all Harvard employees.

PSLM members said their protest — strategically located in the building housing the office of University President Neil L. Rudenstine — also demands that the University join the Worker's Rights Consortium, an independent factory monitoring board.

Student activists — mostly undergraduates, with about a dozen graduate students — entered the building easily from the basement of Matthews Hall, armed with bags of food and tanks of water.

They secured themselves in the halls of the building by linking arms while singing, chanting and reading testimony from Harvard workers.

By 5 p.m. Wednesday, all administrators with offices in the building had trickled out of Mass. Hall — leaving only protesters and Harvard University Police Department (HUPD) officers to occupy the building.

Rudenstine exited Mass. Hall at approximately 4 p.m. and Provost Harvey V. Fineberg left unobtrusively an hour later. Both administrators declined comment as they walked through the shouting crowds from the building.

About six HUPD members remained in the building throughout the afternoon, while another several spread out, monitoring the crowds outside.

At least four police cars parked in the Yard outside Mass. Hall.

While the protesters inside the building alternated between chanting and quietly playing cards, about 30 students circled Mass. Hall under the leadership of PSLM member Amy C. Offner.

The action outside the building began after Offner, speaking into a megaphone, rallied a crowd of onlookers that included members of national media like National Public Radio (NPR) and *The New York Times*.

"A sit-in has begun in Mass. Hall for a living wage for all Harvard workers," Offner announced.

Offner said both the students inside and those outside the administrative building would not budge until their demands were granted.

"We're committed to remaining here indefinitely," she said. "We're expecting stiff resistance from the University."

As the afternoon progressed, the students outside the administrative building seemed to be settling down for the duration.

Two students stood outside Mass. Hall, holding a large banner reading, "Workers Can't Eat Prestige: Rally for a Living Wage," made from three blue sheets strong across wooden poles.

As students circled the small green outside Mass. Hall, they attracted the attention of a group of alums from the Class of 1971 walking through the Yard.

The alums compared Wednesday's action to the legendary sit-in of 1969, saying that they were excited and rather surprised to see continuing evidence of student activism.

Despite the ostensible similarities, the climate on campus was radically different 30 years ago, said Allyn Field.

"In our time, it was total chaos.

There were demonstrations like this all the time," he said. "It was a life-changing experience."

As he talked, Field watched the students circling outside Mass. Hall.

"I remember tear gas and windows being smashed. It was a war zone," he said. "It's all really hard to picture now."

About six members of Harvard's Facilities Maintenance Organization joined the students marching outside the building.

They said they were hopeful about the action's success.

"I think it'll work," one worker said as he marched. "It's worked in the past."

As the sun set and the wind began to pick up, Offner urged the onlookers not to leave despite the increasingly inclement weather.

"We need to help protect the students inside who are taking a major risk for a piece of justice in our community," she said, eliciting cheers from the audience.

"It's terrible that it has come to this," she said. "These are terrible problems and we're committed to staying out here to fix them."

In an attempt to link the groups of protesters outside and inside the building, Offner hooked her cell phone up to a microphone so that Molly C. McOwen could speak to the assembled crowd.

As she spoke, McOwen stood in the front window of Mass. Hall and waved wildly at the onlookers.

"Our voices are hoarse and sore but it makes us feel so much more empowered to hear you guys out there," she said.

After a candlelight vigil held at 9:00 p.m. Wednesday night, the crowd outside Mass. Hall quieted.

The lights inside Mass. Hall illuminated the colorful living wage posters taped to the windows of the administrative building.

While HUPD officers continued to stand outside the building, about two dozen students chatted casually with their friends on the inside through the open Mass. Hall windows — discussing dinner and the Mass. Hall decor.

Offner said that PSLM members had organized a schedule for students to remain outside throughout the night.

She said continuing support from the outside was necessary for the safety of the protesters.

"We heard a threat of a police bust and so it's really important to make sure people are out here," she said.

At midnight, after a few hours of quiet protest, the students both inside and outside Mass. Hall began yelling. The activists inside the building turned on their radios and began clapping and banging on wastebaskets. The supporters outside yelled, "No justice, no quiet!"

The brief escalation came after a HUPD officer moved into a room inside Mass. Hall that the students had unofficially designated a "safe space" for discussion and planning.

The rising volume of the protesters began to antagonize Mass. Hall residents. At one point, a few students attempted to pour water on the protesters from their open window.

After about 20 minutes of shouting from both inside and outside the administrative building, the students quieted for a brief meeting with the HUPD officers, who agreed to vacate the conference room. With that, the protesters resolved to go to sleep for the night.

(By Daniela J. Lamas — *The Harvard Crimson*, 04/19/01)

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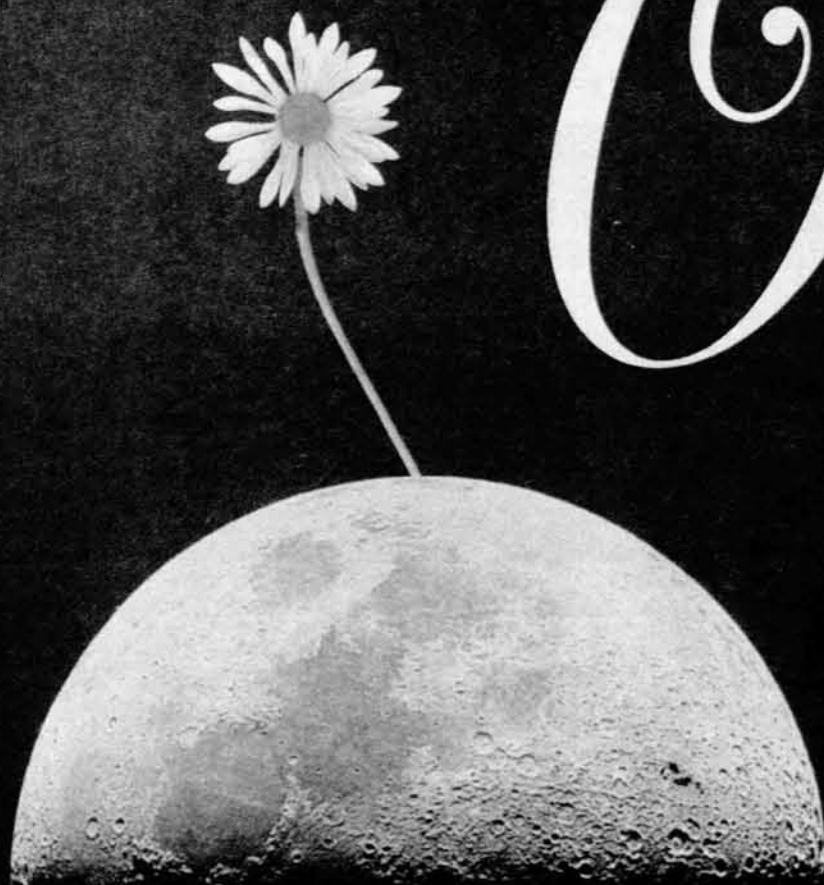
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KATIE JEFFREYS—THE TECH

Peter (Corey M. Gerritsen '02), David (David C. Poland '04) and Nick (Patrick Y. Kim '04) sing about the wonders of masculinity in *Trivial Pursuits*, a musical written by Seth Bisen-Hersh '01 and Daniel Scribner. *Pursuits* plays Friday and Saturday at 8 p.m. in Kresge Rehearsal Room B.

MIT Spearheads Several New Initiatives as Part of Settlement

EPA, from Page 1

middle of the pack," but said that a recent inspection at Harvard revealed no environmental offenses.

"We've been finding violations at a lot of universities. A lot of the violations seem to stem from institutional issues," she said. "At a factory, you have a few inspectors monitoring the waste coming from a few process lines." At MIT, the people who are required to deal with toxic waste are much more varied and less experienced.

"At MIT, you have over 2,000 laboratories. You have a whole host of chemicals, some of which are obscure," Smith said. A university has a decentralized department system, which makes it difficult to maintain environmental accountability.

However, these violations are still severe, even if they do happen frequently and for obvious reasons. "A toxic chemical coming from

ing a series of options, a student or faculty member may create a custom training program which teaches him the necessary information.

Litster said that all people who handle chemicals will require some sort of training. "I was trained in February in the appropriate use of chemicals in laboratories," he said. "There is some training that almost everyone who works in a lab will have to undergo."

New computer technology will allow MIT to continuously share data with EPA inspectors. Keith said that when a laboratory conducts an internal inspection, it will be able to input information into a computer similar to a Palm Pilot. The information will then be relayed to the EPA, who may record and analyze it.

Other environmental initiatives

The Institute aimed not just to comply with regulations but to create new environmental initiatives.

The annual report of MIT's Environmental Programs Task Force described several new initiatives that were implemented in recent years.

The Copy Technology Centers increased recycled paper use from one percent of white paper to 95 percent, and overall use of recycled paper rose to 68 percent in one year.

At the same time, on-campus recycling programs also expanded from the recycling of paper to the processing of a wide variety of materials. Keith said that MIT is trying to implement more environmentally sustainable education in its core curriculum.

Collaboration with local schools

One of the upcoming environmental projects will involve collaboration with local school teachers. Three teachers from Cambridge public schools will come to MIT during the summer to conduct environmental research for up to four weeks.

Over the year following this fellowship, these teachers will collaborate with a graduate student or advanced undergraduate to develop experiments which can be performed in the classroom. The teachers will then present these curricula to their classes.

Matthew T. Garner, a staff member for the Center for Environmental Initiatives, said that this program will improve on relations by having MIT help Cambridge students.

"What MIT is good at is research. We can add value to the research by helping researchers to get the word out about their research," Gardner said.

This summer, the Center will

select the teachers who will participate in this program. Although this will initially last for two years, Gardner hopes that the collaboration will continue. "My intention is that this is not going to be a one-shot deal," he said.

EPA impressed with initiatives

Smith said that the EPA was impressed by the steps that MIT took to correct the problems. "The response that they took was ideal from my perspective. [Executive Vice President] John Curry said that MIT would get right on it, and they did," she said.

Although the EPA's regulations stipulate that violations must be punished by fines, the monetary amount of a fine may be lowered if an organization complies with EPA suggestions. "MIT got a big reduction for cooperation," Smith said.

Increased regulation may up costs

Some members of the MIT community have expressed concern that the new regulations will put a substantial financial burden on research laboratories. "Where I see the problems coming is that the labs and centers might have to hire additional people to deal with the safety issues. These positions can't be paid for by research grants. It might well be that there need to be some funding increases," Litster said.

The Department of Health and Human Services had a budget of \$70 million for fiscal year 2000, up over \$10 million from five years earlier. "The business of regulation is a growth industry," Litster said.

Chomsky Discusses Role of Media in U.S.

Chomsky, from Page 1

U.S. policy dominating U.N. policy.

"U.S. power was so overwhelming [that] many issues were off the table. For example Vietnam was never brought up. ... If it had it would have meant the end of the U.N.," Chomsky said.

"Don't interfere with the Don [the United States] — it's dangerous," Chomsky said.

Chomsky criticizes the media

The linguistics professor was especially critical of the media's failure to report on the truth of past actions of the United States delegation.

"Since the 1960s [for example], the United States is far in the lead in vetoing [Security Council resolutions] ... but it had never been reported in any paper," Chomsky said.

According to Chomsky, however, a "wondrous sea-change took place in 1990, when the U.S. was preparing to go to war with Iraq."

"Though world opinion [was against the war] — world opinion is not important — that willingness to go with the U.S. lead elicited an interesting response [from the media]," said Chomsky, referring to the accolades lavished on the U.N. by the American press soon after the announcement of Operation Desert Shield.

According to Chomsky, however, the change in tone did not significantly alter the way U.N. issues were reported in the media.

"Resolutions condemning the United States and Israel passed by 150-some to 2, but by definition everything the U.S. did was still the peace process, even if it was undermining peace."

The extent of U.S. dominance

Chomsky delved further into the peace process, arguing how the United States' decidedly pro-Israeli stance dominated all discussions regarding the Middle East peace process.

"Why did the U.S. vote against or veto resolutions against things like terrorism? Because the resolutions contained a paragraph supporting the right of self-determination which would authorize things like ... the Palestinian resistance," Chomsky said.

As recently as Mar. 27, Chomsky said, the United States vetoed a Security Council resolution calling for a U.N. observer force in the occupied territories.

"The veto shocked the European Union as the United States insisted that the resolution have no mention of siege, land for peace, or settlements following the Geneva Convention [of 1949]," which, accord-

ing to Chomsky, the state of Israel has repeatedly violated.

The noted American dissident then analyzed the United States' often puzzling relationship with the World Court. While a charter member of the United Nations, the United States, said Chomsky, has been very careful of adding reservations to virtually every document governing issues of sovereignty.

Chomsky, quoting an official U.S. source, said, "The United States had accepted World Court jurisdiction when most members shared its view, but now a great many of these [members] ... often work against us, thus the U.S. [also] retains domestic jurisdiction."

Chomsky also added that the United States has added reservations "to each and every human rights resolution ever passed."

"Since the 1960s the United States is far in the lead in vetoing [Security Council resolutions] ... but it had never been reported in any paper." — Institute Professor Noam Chomsky

"The principle is clear: the U.N. and World Court are wonderful as long as they follow orders," Chomsky said.

Question and answer period

Following the hour-long talk, members of the audience had the chance to ask Chomsky questions.

When asked if all the information he obtained was available to the public, Chomsky mused on the difference between Eastern and Western modes of propaganda.

"Yes, it's all available, unlike Stalinist Russia ... [but] our facts get ignored and suppressed; the Western propaganda system is much more sophisticated."

The final questioner of the evening asked Chomsky for a solution to the globe's political problems.

"Stop the talk of Wilsonian principles," Chomsky said. "It is an ideological clap-track. The question is not 'How do we get to Utopia?' but rather 'How do we improve things?' And it is our responsibility, because we have the privilege and opportunities, to change things."



MIGUEL CALLES—THE TECH

MIT's Casino Rueda Group presented the first Latin Dance Showcase last Saturday in Kresge Auditorium. The event was sponsored by the Council for the Arts, MIT Fund, and the Committee on Campus Race Relations.

"MIT got a big reduction [in fines] for cooperation."
— Katherine Smith,
Senior Counsel for EPA

MIT is the same as a toxic chemical coming from a factory," Smith said.

Institute addressed issues quickly

Shortly after the EPA released the results of their inspection, MIT began to take measures to correct the alleged violations. The Institute hired Keith in July of 1999, creating a senior-level management role to deal with environmental compliance issues.

MIT also created the Institute Committee of Environmental Health and Safety, which is chaired by Keith and Vice President and Dean for Research J. David Litster. This committee will determine the appropriate training and monitoring procedures for each of the Institute's laboratories.

Keith contacted the EPA and attempted to determine which kinds of issues led to environmental violations. "We collaborated with the EPA's University Compliance Support Group, and we asked them which areas universities really need the most help with. They said that regulatory training was a major problem," she said.

MIT creates web-based training

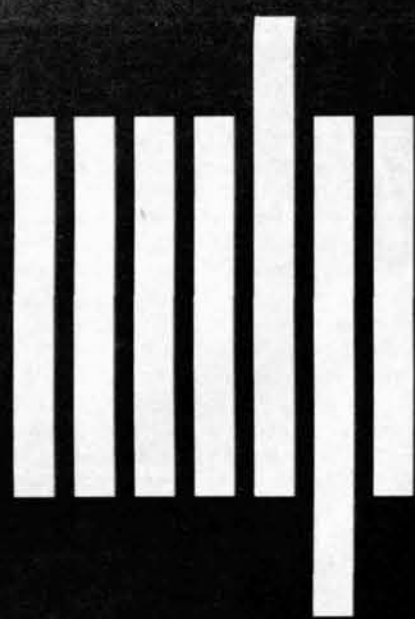
In order to improve the level of environmental safety education, MIT created a web-based interface which allows the generation of customized training modules. By select-

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MIT to Raise Graduate Dorm Rents by Five Percent

NW30, from Page 1

lower than those of senior graduate students," Kachani said. As of July 2001, a first-year graduate student will receive a stipend of \$1630 a month, Kachani said, while a senior graduate student will get \$1800 a month.

Benedict said that NW30's status as a home to first-year students is a factor in the decision-making process.

"Larry Benedict has been very responsive. We hope that we will get a final rent that is based on stipend levels," Kachani said.

Director of Housing Operations Karen A. Nilsson said that MIT feels responsible "to offer a good product and a safe, secure, well-maintained place to live."

Rent for all grad dorms will go up

The Housing Office has already announced a five percent increase in graduate housing rents across the board, beginning in the fall.

Currently, Edgerton House is the one graduate dormitory that has efficiencies. The rent for those rooms is scheduled to increase from \$828 to \$850 a month.

Setting rent for NW30 is only one facet of how MIT is responding to the challenge of housing graduate students in the context of a housing market in which rents have been rapidly rising.

In past years, MIT had set a policy to provide graduate housing at 90 percent of the market rate, Benedict said. "That was going to be the benchmark," he said. "But in the past five to seven years, rents have skyrocketed" while MIT rents have not followed as quickly.

Right now, Nilsson estimates MIT prices are "somewhere at about 70-80 percent fair market rate, compared to apartments in the metro Boston area."

One "goal for the coming year is to establish a rational rent structure," Benedict said. "My staff and I have been working on some alternative models establishing rents for NW30. Since I've been working with the GSC, I wanted to meet with them first before getting feedback from the community."

"It's looking like 90 percent won't be realistic, but it's not clear," Nilsson said. "It seems like the market may start coming down."

Redefining grad rents complicated

In figuring out a new benchmark for graduate rents that makes sense in today's market, both Benedict and Nilsson explained that many complex variables come into play. "It's more an art than it is a science," Benedict said.

The primary considerations in setting up a rent model are "clearing expenses, providing a sensible price in relation to other grad dorms and the housing market, and maintaining the graduate reserve," Nilsson said.

While funding for undergraduate dormitories is part of MIT's capital campaign, Nilsson said, graduate housing is financed by loans or floating public bonds. "Sometimes a donor comes along, but normally [these loans] are paid for by graduate rents," Nilsson said.

Rents also pay for each dormitory's operating expenses, such as repairs, supplies, and labor. "We look at the special projects each building needs," like kitchen renovations in Ashdown, Nilsson said. Anything left over is put into the graduate reserve, which is used for large projects, new construction, and paying back loans on old construction.

"We also look at where people are living off campus," Nilsson said. The Housing Office regularly

gets listings from landlords in the city for the prices of different types of apartments.

In comparing different apartments, Nilsson notes that "NW30 is new construction, so we take into account what the dorm will offer." Each efficiency has its own bathroom and kitchenette, and is fully furnished. All utilities, including local phone service, are included.

MIT plans to use NW30 for conference space in the summer. "We look at conference use as another revenue source," Benedict said.

Kachani said that some of the cost for the \$26 million dormitory arose from deferred maintenance because MIT did not maintain the

warehouse in previous years. "The cost of the building is \$26 million," he said. "However, how much of this \$26 million is deferred maintenance of this building? One has to separate the two and only use the construction costs as an input to the revenue model."

NW30 to be ready in the fall

Nilsson is excited about the new space for graduate students. "This is a real plus," she said. "MIT hasn't added to its housing for graduate students in ten years."

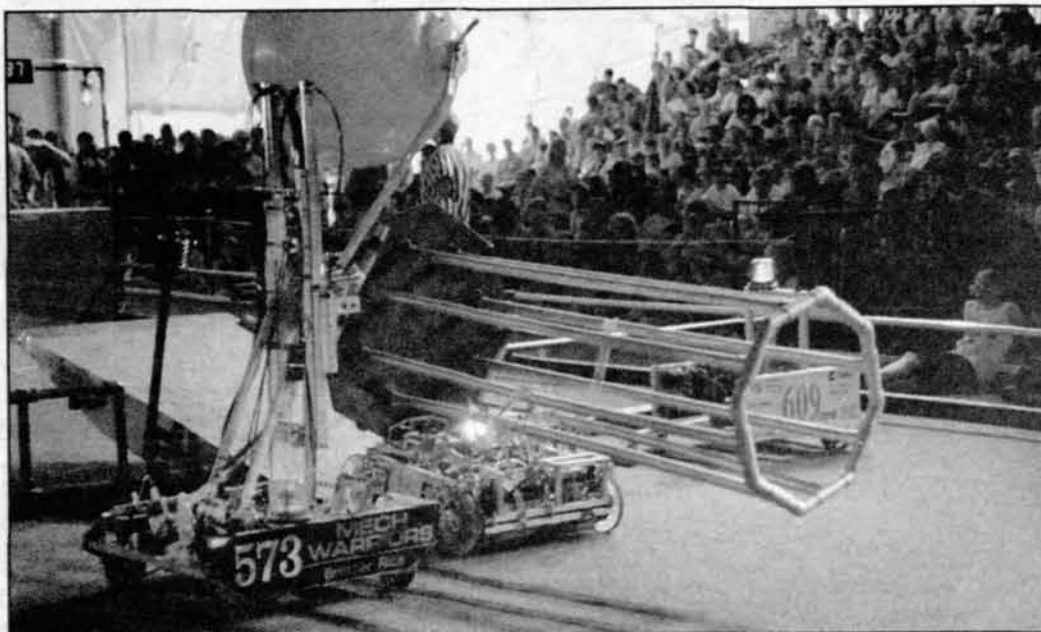
Currently, MIT is only able to house 30 percent of its graduate students, with about two-thirds of those students living in graduate housing and one-third in under-

graduate housing as graduate resident tutors.

Yet "by putting NW30 on line, we can increase the number of grad students we can house on campus," Nilsson said, "and when we get Sidney-Pacific we will be able to house 50 percent of grad students on campus, and that will be a wonderful thing," Nilsson said.

Scheduled to open in the fall, NW30's 120 beds will be included in this year's graduate housing lottery that ends May 1.

Kachani, a member of the Sidney-Pacific Founder's Group, said that the group will recommend rents for Sidney-Pacific's 650-700 beds within the next three months.



KAILAS NARENDRA - THE TECH

Team 573 (Dow) and 609 (EAHS) assist the Teradyne/MIT robot at the annual FIRST robot competition held at EPCOT center in Florida earlier this month. The Teradyne/MIT robot was built through a partnership between individuals from Teradyne, MIT, and other organizations.

MIT

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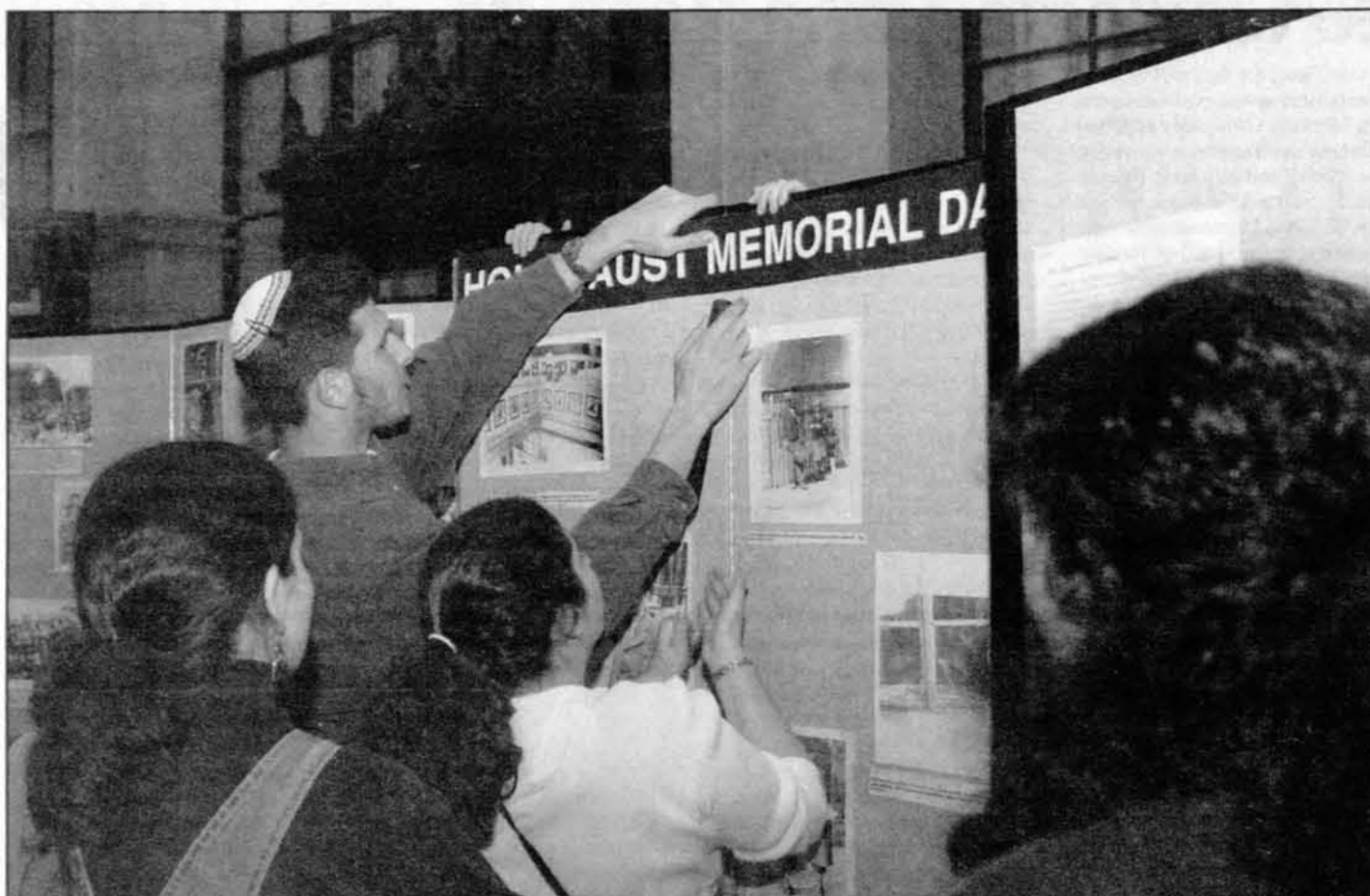
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NATHAN COLLINS—THE TECH

Hillel Vice President Andrew M. Goldsweig '03 and Hillel staffer Katie Tanzer set up a display for Yom Hashoah, the Holocaust Memorial Day, which began Thursday evening.

SM in Science Writing Proposed

Faculty Meeting, from Page 1

mance of freshmen and said that he wanted to put the change into effect as soon as possible because "freshmen will be more receptive" to the material being taught if they have to earn grades.

Delay considered winnable battle

Shulman said he was disappointed with the faculty's decision to not delay the elimination one year. However, he said he was pleased that the proposed amendment "sparked an interesting conversation among the faculty."

Shulman said that although response from the undergraduate population in response to the A-B-C/No Record change was split, the UA decided to support the plan because trying to resist it would have been "a losing battle to fight. ... We had a shot" at winning on the issue of the delay, Shulman said.

"What would have made the biggest difference would have been getting more faculty members who understood the issue there," Shulman said. A lot of support for the proposed delay came from the junior faculty, and they were just not aware, he said.

Exploratory subjects endorsed

The faculty also unanimously agreed to endorse a plan allowing sophomores to designate one class each semester as "exploratory."

A student enrolled in an exploratory subject may either accept the grade earned or change the subject to listener status at the end of the term.

Any subject may be designated as exploratory, including Institute requirements and departmental requirements.

"It's the best part of this whole proposal," Shulman said. "It's not until senior year that people take the really random subjects. ... This allows them to explore before they decide on a major."

SM in Science Writing proposed

MIT may soon offer a Master's degree in Science Writing. Professor Robert Kanigel brought forward a proposal at the meeting for a Master's program in Science Writing on behalf of the Program in Writing and Humanistic Studies.

The Master's program, which will take one year to complete, will consist of electives, a year-long seminar, a thesis, and a summer internship. Teaching Assistants will take two years to complete the program.

"We have some of the most distinguished science writers in the country," said James Paradis, head of the Program in Writing. "There will be no need to recruit" new faculty for the program.

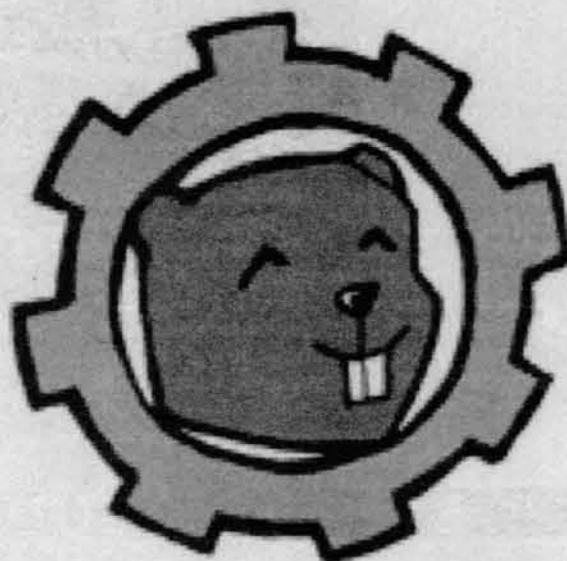
Dean of the School of Humanities, Arts, and Social Sciences Philip S. Khoury said that the new Master's program would help "keep our very good [writing program] faculty content by training people in their images."

The faculty will vote on this proposal in May.

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HOLLANDERS	REAL	
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NBA Empire Needlessly Changes in Face of Turmoil

By Philip Burrowes
COLUMNIST

It was not long ago that the National Basketball Association was considered the domain of drug addicted, depraved, overpaid Blacks. Over the course of the subsequent decades, NBA commissioner David Stern, NBC Sports, and Madison Avenue cooperated to elevate the league's status to a respectability more on par, both domestically and internationally, with Major League Baseball and the National Football League. It is little wonder, then, that these three forces are not willing to relinquish that stature even in the face of the league's recent lackluster performance. What is surprising, however, is the degree to which the league now seems to be in denial of its true situation.

This year's rookie class is the most disappointing in recent memory. The league's greatest stars, the defending champion Los Angeles Lakers, have been mired in a war of words between superstars Shaquille O'Neal and Kobe Bryant. One year after winning the Eastern Conference title, the Indiana Pacers barely made it into the playoffs. More than a few players have drifted off into mediocrity, such as Scottie Pippen, while relative unknowns like Antonio Davis achieve all-star status. Considering all this and the simple fact that the NBA's popularity relied in no small part upon absentee Washington Wizards president Michael Jordan, it's no surprise that everything from television ratings to paraphernalia sales are dropping.

Under such turmoil, what is the

league's response?

Reinstituting the zone defense after a fifty-odd year absence, possibly moving the Vancouver Grizzlies to Memphis, and hoping Chinese superstar Yao Ming can declare for the upcoming draft. In other words, fundamentally altering the rules of the game, abandoning the geographical expansion of the league's boom, and hoping to siphon off any available talent from the rest of the world.

To some, this may seem rational; the NBA is the only level of basketball which mandates man-to-man defense, the league's presence is no longer so great as to sustain a dual Canadian presence, and as the premier basketball league in the world, the world's premier athletes should play in it. On the contrary, a great deal of the joy for professional players is the freedom created by man-to-man defense. Why should international players escape higher paydays and more exposure for the similar rules of an otherwise foreign league? A league that now seems unable to keep franchises afloat for even a decade, and that when facing troubles will radically alter its infrastructure (as in fact seen before in the shot clock and ABA/NBA merger)?

Apparently, the answer is, "Because we're the NBA, of course." The league has started to believe its own hype. It thinks it made a Michael Jordan before, and that it can do it again, despite failure in that respect with Jerry Stackhouse, Grant Hill, Kobe Bryant, and Vince Carter, not to mention Harold Minor. Fear of returning to its late '70s image prevents it from marketing even superficially threatening personalities, such as the fraternal

Allen Iverson or frustrated Rasheed Wallace. Even the Great White Hope of Jason Williams is left out to dry in the face of persistent taunting from fans because of his drug problems and, yes, "Blackness."

The truth is that the many would-be "stars" of the league don't get any promotion, while a select few are overhyped. Everyone from the hardworking Theo Ratliff to the high-flying Antawn Jamison gets the Dominique Wilkins treatment. Sha-reef Abdur-Rahim and Felipe Lopez toil away quietly in small markets. Unfulfilled expectations of Juwan Howards or the former glories of Shawn Kemp are swept under the

rug, for heaven forbid the league's mass marketing machine was wrong.

This same conceit lead the NBA to bankrupt the ABL with its (little) sister league, the WNBA (again caught by surprise by the stardom of Cynthia Cooper and injuries to Rebecca Lobo). More recently, it lead to the decimation of the Continental Basketball Association, one of the oldest basketball leagues in the world, and the advent of an NBA-operated "development" league. What's next, buying out the Harlem Globetrotters?

In reality, the NBA never ascended as far up the sports hierarchy as Stern, Dick Ebersol or Phil

Knight had thought. For decades, legitimate leagues have been springing up around the world, unlike the MLB which probably has only one international competitor, or the NFL which since the '60s has had hegemony over all "American football" in the world (CFL notwithstanding). The NBA had only just become popular, and is currently experiencing growing pains. You don't solve growing pains, however, you learn to deal with them. Instead of radically altering its focus every few years and undermining its competitors Microsoft-style, the league has to realize its actual place as a basketball operation and not an empire.

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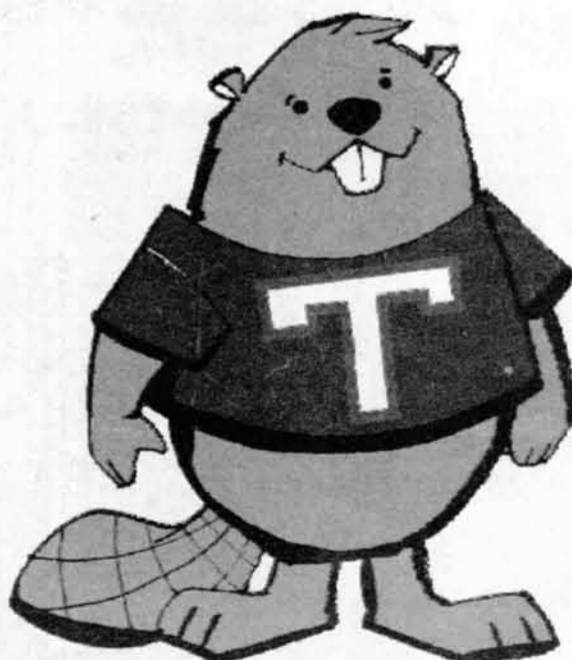
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Wheaton Stops MIT Penalty Shot for Win

Lacrosse, from Page 28

consecutive goals, seizing the lead 13-12. Hsu again came up big with another game-tying score for MIT. Unfortunately, MIT continued to have trouble stopping the speedy Lion attackers. The Wheaton offense quickly scored again.

The Engineers refused to fold. Debbie Cheng took the feed from Rapp and flung the ball into the net. The goal sent the game into overtime with a score of 14-14.

Wheaton controlled nearly all of the face-offs throughout the game because of their taller players. They continued this advantage at the opening of the three-minute overtime period. With both defenses unable to stop the attackers, the face off advantage proved to be critical.

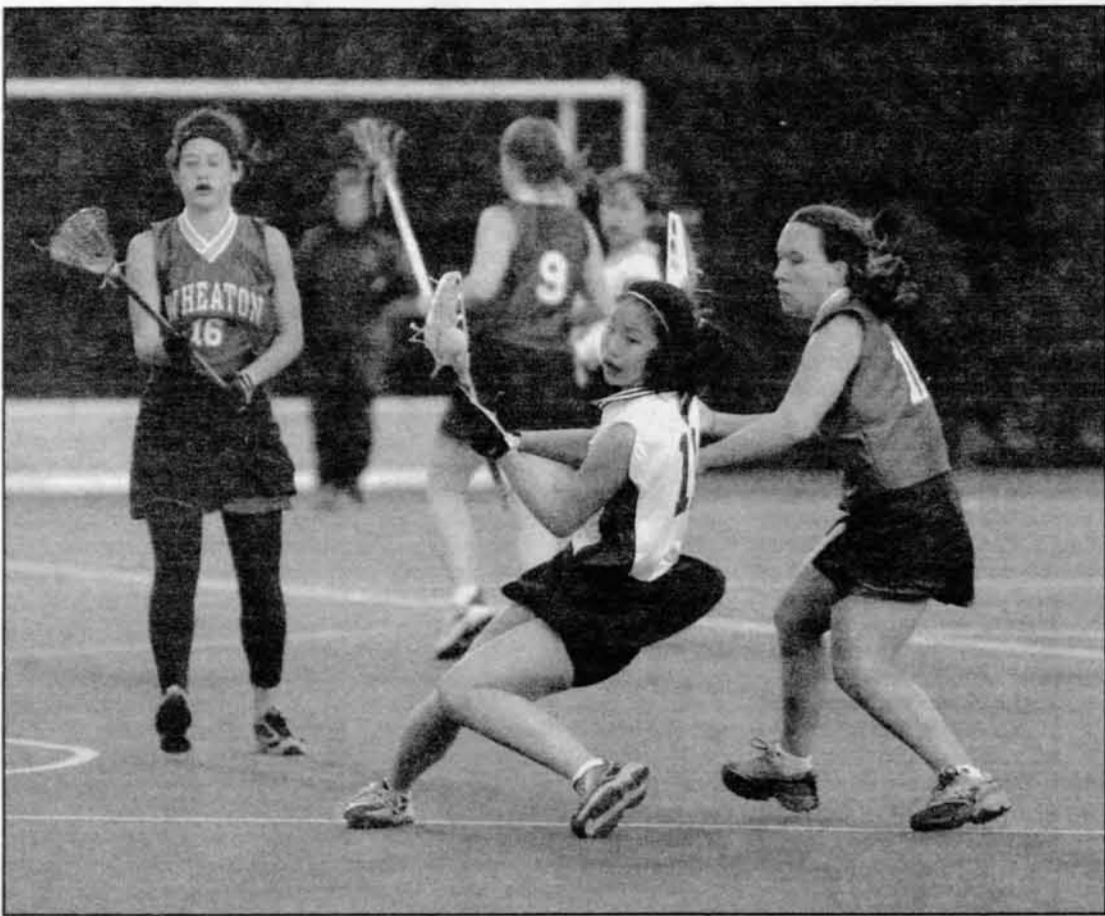
Wheaton struck first in the overtime, after winning the opening face-off. Still, the resilient Engineers could not be counted out, even with little more than a minute remaining. Unable to stop the Lions,

MIT's best defense had to be their good offense. Continuing to fight fire with fire, MIT once again turned to Debbie Cheng. Cheng's fluid moves were too much for the swarm of Lion defenders as she delivered in the clutch, scoring the goal that sent the game to a second overtime.

In the second overtime, the Wheaton Lions again struck first by winning the face-off and quickly scoring. The MIT supporters looked on intensely.

With only 13 seconds remaining, Theresa Cheng drove and was fouled, setting up an eight-meter shot. She exploded off the whistle and sent a high shot towards the top of the net. The Wheaton goalie stuck up her stick, barely clipping the ball as it whizzed past. The ball then ricocheted off the top goal post, narrowly missing the tying goal.

The women finish up their regular season at Smith College on Saturday. The NEWMAC Championships begin on Thursday, April 26.



Debbie Cheng '01 fakes out a defensemen during the women's lacrosse game on Tuesday. MIT fell to Wheaton in double overtime, 16-15.

Springfield Wins Doubleheader Baseball's Ninth Inning Comeback Falls Short in Second Game

Baseball, from Page 28

Billing '01 went the distance for the first complete-game victory of his career, striking out 9 WPI hitters. However, Billing's win was secure only when Tech 3B Duggan made a spectacular leaping catch off a line drive and then turned the double play to kill a spirited eighth-inning rally from WPI (9-14, 2-6 NEWMAC).

Unlucky doubleheader at home

The momentum from the WPI victory proved to be short-lived, as MIT returned home on Saturday and dropped both games of a double-

header to second-place Springfield, 8-1 and 9-8. In the first game, Pride ace Kevin Cahill and reliever Rick Armstrong combined to 3-hit the Engineers, striking out 11. The game's lone highlights for MIT were provided by Loreto (1 for 3, 2B, 1 run scored, SB) and Jonathan I. Reznik (1 for 3, 2B). Facing a Springfield batting order with five players hitting better than .385, MIT lefty Allaire performed admirably but still picked up his second loss of the week.

Game two provided a much more dramatic ending, but the T's still found themselves on the losing end. Trailing 9-3 heading into the bottom

of the ninth, MIT scored one run and loaded the bases with no outs. The Pride then called upon junior reliever Nathan Jyringi, who induced Kogel and Lo, fourth and fifth in the Tech lineup, into striking out. With two outs Jyringi then surrendered a grand slam to Reznik and a single to Duggan before Springfield freshman shortstop Toby Cole made an excellent play on a grounder from Billing to give the Pride (11-8, 6-1 NEWMAC) the sweep. Despite being charged with the loss, Tech pitcher Bryan P. Perryman '01 turned in a solid performance, going the distance while striking out six and walking three.

Jumpers and Relayers Lift MIT over Bowdoin

Track, from Page 28

time. Kim J. Seluga '02 placed third in the 400m and Monica F. Morrison '04 in her first-ever race, followed in fourth.

In the throws, Crystal S. Ray '04 led the MIT squad with third place finishes in the discus and shotput and a seventh place finish in the javelin throw. Ray set personal records in the discus, javelin, and hammer throw and qualified for ECACs in the discus, and New England Division IIIs in the shotput. Janine Buseman-Williams '01 showed her strength in the hammer throw, placed seventh with a personal best throw. Miquela C. Vigil '03 took eighth in the shotput to add to MIT's throwing scoreboard.

In the jumps, Clayton showed

her prowess in the long jump as she soared to a rookie record, ECAC qualifying distance, and a second place finish. Miller finished in eighth. In the triple jump, Nyenke took second, almost tying her personal best and rookie record. In the pole vault, Catherine A. Tweedie '04 tied her personal record once again for another ECAC qualifying height and a fifth place finish. Kathryn M. Duffy '04 placed seventh in the high jump.

MIT solidified its lead over Bowdoin in the 4x400m relay. The runners, Kuo, Morrison, Wang, and Smith, won with a team best time of the season. The 4x800m relay consisting of Seluga, Harris, Sarah K. Perlmutter '02, and Huffman ran a strong third place finish to end the meet.



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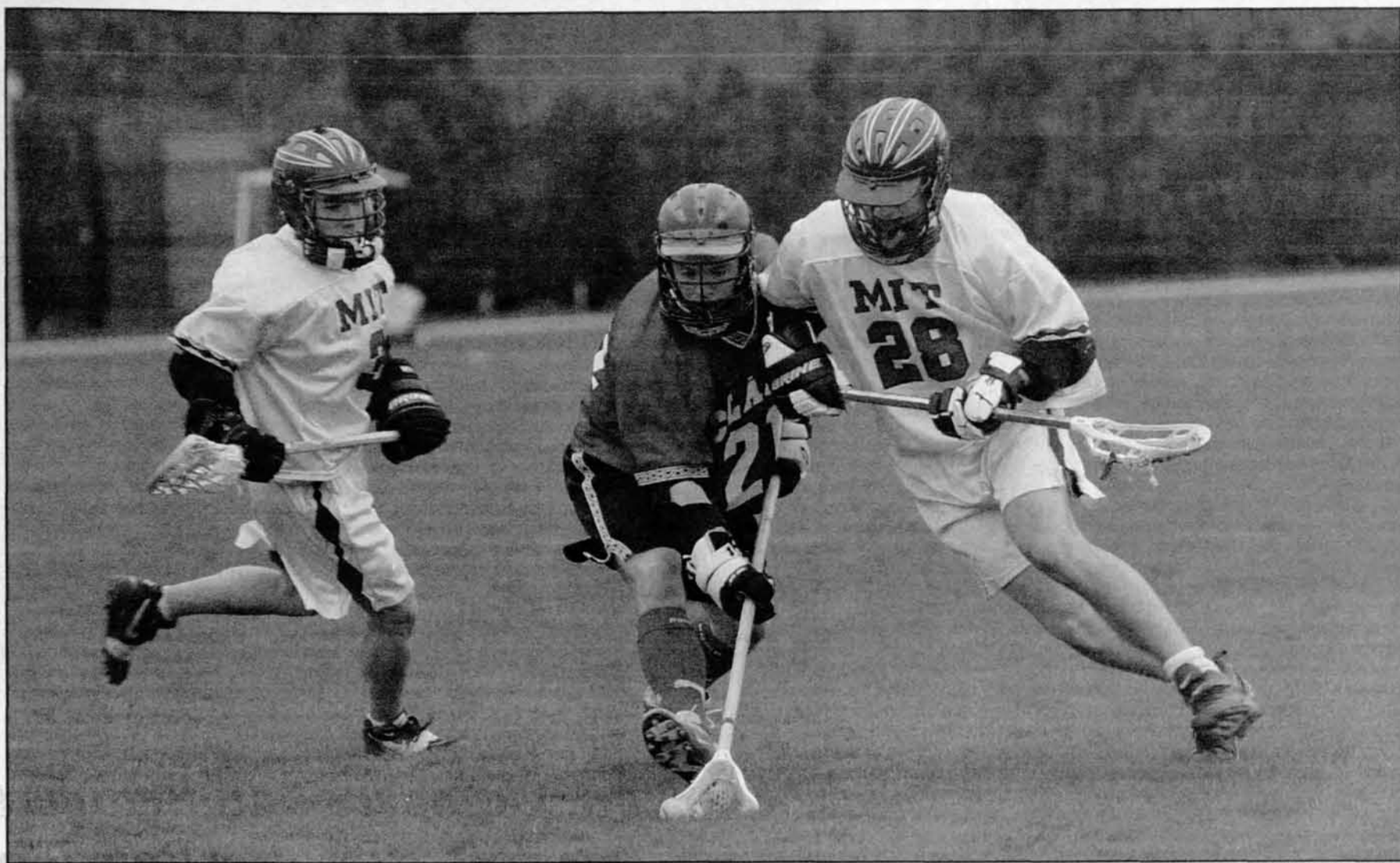
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100	2 Adeline Kuo 13.51 *	8 Melanie Miller 15-0
100H	1 Nydia Clayton 16.70 **	9 Chinwe Nyenke 14-7
	4 Chinwe Nyenke 17.91 [PR]	TJ 2 Chinwe Nyenke 32-9 1/2
	8 Melanie Miller 19.55	4x100 2 MIT 52.21 <TB 2001>
200	1 Clarissa Smith 27.53 [PR] *	(Adeline Kuo, Melanie Miller, Chi-An Wang, Clarissa Smith)
	4 Adeline Kuo 27.73 [PR]	
400	1 Clarissa Smith 62.61 [PR] *	4x400 1 MIT 4:24.27 <TB 2001>
	3 Kim Seluga 66.48	(Adeline Kuo, Monica Morrison, Chi-An Wang, Clarissa Smith)
	4 Monica Morrison 67.70 [PR]	
400H	1 Nydia Clayton 69.24 [PR,RR] **	4x800 3 MIT 10:51.13
	5 Chinwe Nyenke 75.92 [PR]	(Kim Seluga, Melanie Harris, Sarah Perlmutter, Katie Huffman)
	7 Melanie Miller 79.77	
800	3 Chi-An Wang 2:28.20	
	11 Sarah Perlmutter 2:44.39 [PR]	Team Scores: 1 Colby Whitey Mules 191
	16 Julie Pinkston 2:58.40	2 MIT Engineers 154 (5-1)
1500	4 Martha Buckley 5:05.26 *	3 Bowdoin Polar Bears 146.50
	10 Sarah Perlmutter 5:18.75 [PR]	4 USM Huskies 117.50
	17 Julie Pinkston 6:02.43	5 Bates Bobcats 79
3000	3 Martha Buckley 10:58.41 *	
	8 Katie Huffman 11:44.75 [PR]	STATS:
5000	3 Melanie Harris 19:13.21 [PR] **	21 new PRs +41 old= 62 for the season to date
	9 Helen Huang 22:18.76 [PR]	0 new VRs +0 old= 0
	10 Kate Wasserman 24:32.56	2 new TBs +3 old= 5
HT	7 J. Buseman-Williams 117-11 [PR]	5 new NE Div. III qualifiers +9 old= 14
	10 Crystal Ray 106-5 [PR]	3 new ECAC qualifiers +6 old= 9
	13 Monica Morrison 98-1 [PR]	1 new All NE qualifiers +1 old= 1
	14 Miquela Vigil 92-11	0 new NCAA provisional qualifier +0 old= 0
DT	3 Crystal Ray 116-2 [PR] **	0 new NCAA automatic qualifier +0 old= 0
	10 Miquela Vigil 86-5	
	15 Monica Morrison 74-7 [PR]	CODE:
	16 Janine Buseman-Williams 65-10	PR = Personal record outside for
JT	7 Crystal Ray 84-4 [PR]	Tech Track outdoors
	13 Janine Buseman-Williams 69-9 [PR]	VR = Varsity record
	Monica Morrison FOULS	RR = Rookie record
SP	3 Crystal Ray 34-8 1/2 * again	* = NE Div. III qualifier
	8 Miquela Vigil 30-2 3/4	** = ECAC qualifier
	11 Nydia Clayton 26-8 1/2 [PR]	*** = All NE qualifier
HJ	7 Kathryn Duffy 4-5	**** = NCAA qualifier (provisional)
PV	5 Catherine Tweedie 9-0 [ties PR] **	***** = (automatic) National qualifier
	10 Julie Pinkston 6-0	TB = Team best <relays 2001>
LJ	2 Nydia Clayton 16-2 1/2 [PR,RR] **	



KAILAS NARENDRA—THE TECH

Rick Y. Chang '01 (3) and Geoffrey F. Ebeling '04 (28) fight for the ball during Tuesday's game against Clark University. MIT won 18-9.

Revolution and Fusion Clash Amidst Storm of Misconduct

By Ming-Tai Huh

CONTRIBUTING EDITOR

Tyrone Marshall's goal ten minutes into the second half was enough for the Miami Fusion to ruin the New England Revolution's home opener on Saturday, April 14.

Fusion forward Diego Serna created the opportunity with a deflected shot of his own atop the penalty box. Marshall took advantage of the rebound, shooting the ball past the outstretched arms of Revolution's goalkeeper Jurgen Sommer.

The Revolution (0-2) had three point-blank scoring chances in the last five minutes of play in the first half. Fusion goalkeeper Nick Rimando managed to save all shots from Andy Williams, Wolde Harris,

and Joe Franchino.

Officials were quick with cautions for misconduct, giving out 14 total cautions. The Fusion played with only nine men for the last 15 minutes of play. Serna was ejected for fouling Revolution midfielder Leonel Alvarez in the 64th minute. More physical tension rising between the teams resulted in another ejection of Fusion's Carlos Llamasa for dissent with officials after being tackled roughly by Eric Wynalda.

Miami (2-0) outshot New England 14-6 as forwards Preki and Diego Serna penetrated the goal area with sharp runs originating from the wings.

"We gave them the room, the

space to move around," said New England Coach Fernando Clavijo regarding Miami's forwards.

Attempting to capitalize on the Fusion's two-man-down situation, Coach Clavijo substituted midfielder Alvarez for forward Matt Okoh.

Okoh drew some offensive attention with a shot into goal from his left arm. The forward was trying to head Wiliam Sunsing's cross pass, but the pass came in too high. Official Brian Hall quickly reprimanded Okoh's action with a caution.

Fusion Goalkeeper Rimando earned his first shutout of the season through displaying his ability to control the goalie box area.

Notes:

Revolution defender and 2000 Rookie of the Year Rusty Pierce made his first appearance of the season in the 86th minute after being sidelined with a hamstring injury.

Rev's Offensive Play Lacks Winning Plan

By Ming-Tai Huh

CONTRIBUTING EDITOR

The New England Revolution home opener disappointment at Foxboro Stadium probably frustrated fans more than Coach Fernando Clavijo.

Column

In the same light of last year's early problems of possession control, the Revs couldn't build up an offensive threat. Run after run down the wings, aggressive Miami Fusion defenders cut off pass lanes as players like Johnny Torres and William Sunsing held the ball too long.

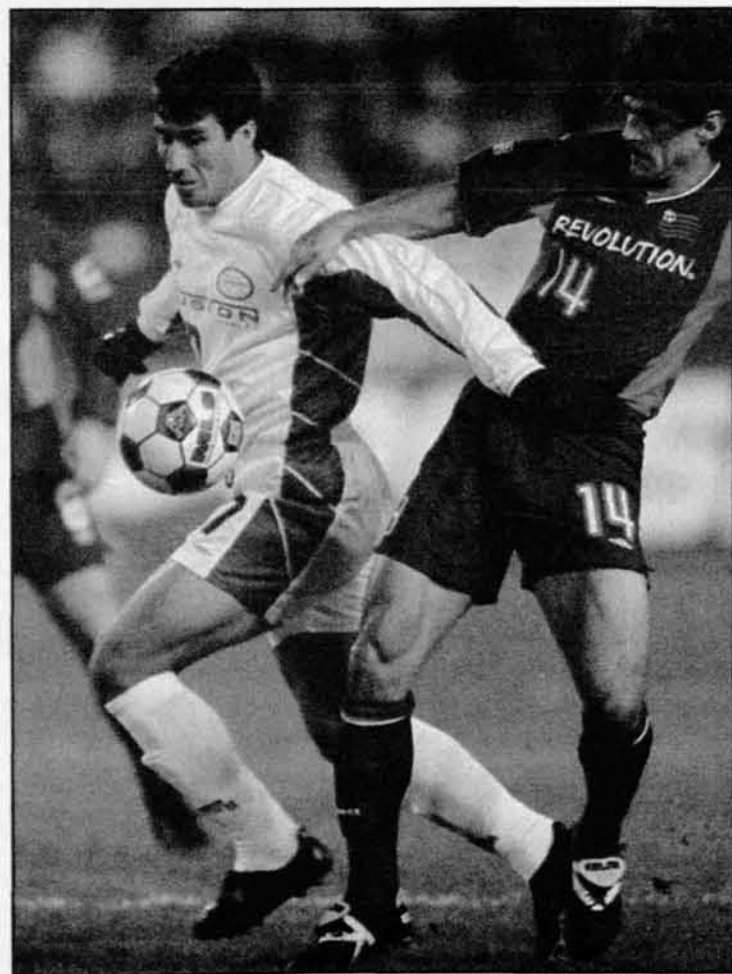
"The progress has been made ... We're frustrated," Clavijo said after the loss.

I didn't see any progress. The 15,576 fans in attendance didn't see any progress. The Revolution have to sit down and find out where to generate their game plan.

Maybe they should ask themselves, do they want to win games? Some players gave up in Saturday's game before it even started. The faster, more physically aggressive Miami team established their tempo and picked apart the midfield and defense. The score could have easily been 5-0 if Miami had a full line up.

If the midfield and defense cannot open up the wings, star forward Wolde Harris will never get the chance to get open shots. He was heavily marked, sometimes by three players, because the Revolution offense was confused and the center constricted.

For the fans' sake, I hope Clavijo can pull this team together and jump start them with some intensity. Hesitance and panic don't belong on the field. Athletic discipline and composure will win games for the Revolution. They have skills; we need to see them in games.



AARON D. MIHALIK—THE TECH

Miami Fusion forward Deigo Serna, left, tries to get by New England Revolution midfielder Leonel Alvarez in the first half of MLS play.



AARON D. MIHALIK—THE TECH

The Revolution stand at allegiance for their last home opener at Foxboro Stadium, which will be replaced by CMGI Field next year.

SPORTS

Women's Track Finishes Second

Team Places Ahead of Three Maine Schools, Defeated by Colby

By Adeline Kuo and Lila French
TEAM MEMBERS

The women's track team competed at Northeastern against several Maine schools on April 14, finishing second in the meet. The team scored 154 points, behind Colby's 191 points and ahead of Bowdoin (146.5), USM (117.5), and Bates (79).

At the start of the meet, 5K runner Melanie L. Harris '01 took third place in an ECAC-qualifying and personal best time of 19:13.21.

The 4x100m relay, consisting of Adeline L. Kuo '02, Melanie A. Miller '04, Chi-An Wang '01, and Clarissa Y. Smith '04, gave MIT off a good start with a second place finish.

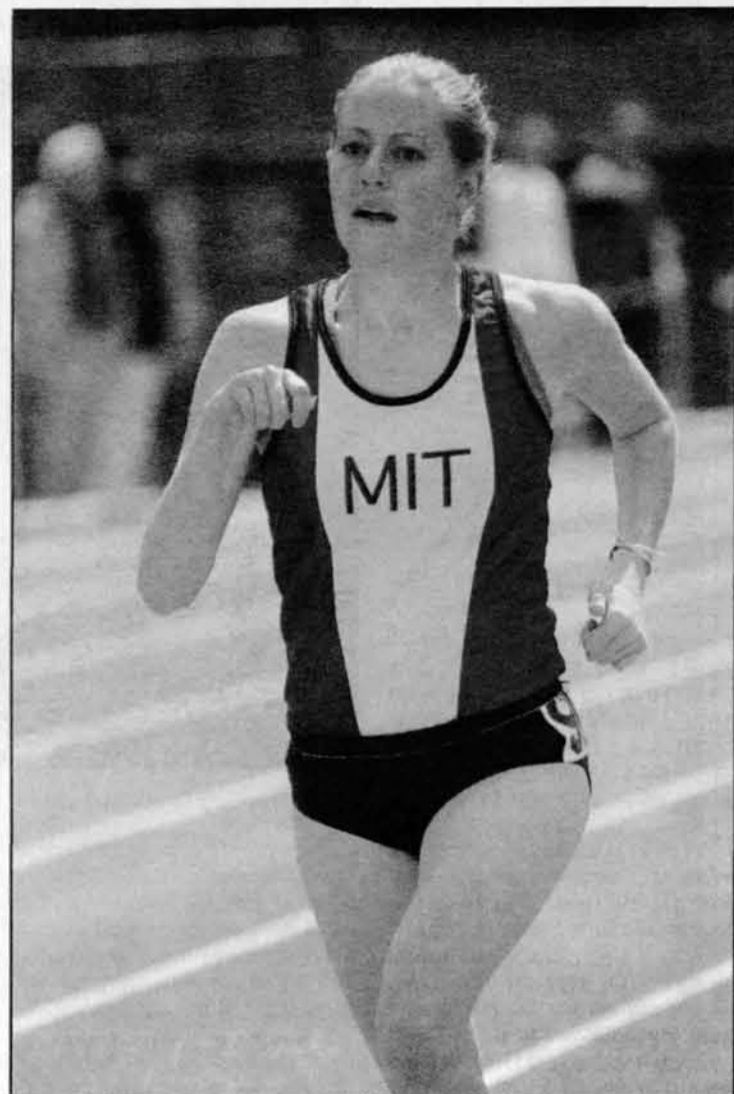
The 800-meter runners faced some tough competition, but Wang finished strongly in third. In the 1500-meter run, freshman distance star Martha W. Buckley '04 qualified again for New England Division III championships with her fourth place finish. In addition, she placed third in the 3000-meter run and qualified for New England

Division III's. Kathleen R. Huffman '04 scored for MIT with her eighth place personal record finish in the 3K.

Hurdlers, sprinters score points

In the hurdles, frosh phenom Nydia M. Clayton '04 easily had a double win, running an ECAC-qualifying time in both hurdle races, and taking down the rookie record in the 400m hurdles in a time of 69.24 seconds. Chinwe P. Nyenke '04 and Miller also placed in both hurdle races. Nyenke took fourth in the 100m hurdles and fifth in the 400m hurdles, both in personal best times, while Miller placed eighth in the high hurdles and seventh in the intermediate hurdles.

In the sprints, Kuo placed second in the 100m dash with another New England Division III qualifying time. She returned in the 200m dash to take fourth in a personal record time. Freshman standout Smith performed an outstanding double win in both the 200m and 400m dashes. Coming back from injuries and running in the unseeded heat, Smith not only won the 200m, but also qualified for New England Division III's. In the 400m dash, she continued to pull away from the crowd for the entire race, to finish in a Division III qualifying



MARISSA YATES—THE TECH



MARISSA YATES—THE TECH

Nydia M. Clayton '04 glides over a hurdle on her way to a first place finish in the women's 400-meter hurdles last Saturday at Northeastern University.

Melanie L. Harris '04 finished second in the 5K with a time of 19:13. The women's track team captured second place at last Saturday's meet at Northeastern University.

Track, Page 26

MIT Falls to Wheaton
In Overtime Nailbiter

Wheaton Holds on in Double Overtime, 16-15

By Robert Aronstam
STAFF WRITER

Women's lacrosse lost their final home game of the season to Wheaton College on Tuesday by a score of 16-15 in double overtime. The back-and-forth battle had 11 tying scores with neither team ever leading by more than three goals.

The game was designated as Senior Night, marking the final performance of the departing senior members of the team: Shalini Agarwal '01, Jean Ah Lee '01, and Lani Rapp '01.

Although the seniors were singled out before the game, two freshmen provided most of the highlights. Debbie Cheng '04 and Stephanie I. Hsu '04 poured in seven goals each in the loss. Upperclassman Theresa Cheng '02 added one goal.

The Wheaton Lions scored the first two goals of the contest. Soon thereafter, Hsu and Debbie Cheng traded scores, tying the game at 2-2. Wheaton then regained the lead with the aid of numerous second chance opportunities with the ball

deep in the MIT defensive zone.

Debbie Cheng countered with a goal of her own and Hsu scored two in a row. These three goals tied the game at 5-5. In the midst of the offensive spurt, MIT's goalkeeper, Joyce C. Ho '03, provided a few critical saves. Ho blocked two eight-meter shots and thwarted a Wheaton fast break. Without any defensive help, Ho lunged several yards ahead of her usual stance in front of the goal and met a Lion opponent who was receiving a pass. This heads-up play saved an easy goal.

Wheaton broke the tie with a goal on an eight-meter shot, coming from an MIT offside penalty. Hsu netted two more goals in the half, but Wheaton had two goals of their own. The half ended with a score of 8-7, Wheaton.

The seesaw battle continued into the second half. MIT grabbed its first lead of the contest on the strength of two goals by Debbie Cheng. Wheaton fought back and traded goals with sisters Debbie and Theresa Cheng for much of the half.

With about seven minutes remaining, Wheaton scored two

Lacrosse, Page 26

Tech Baseball Continues to Struggle;
Team Drops to Fifth Place in LeagueBy Alvan Eric P. Loreto
TEAM MEMBER

At this juncture of the season the younger individuals of the MIT baseball team are beginning to scratch the surface of their talent and potential. However, for the struggling team as a whole, that same surface remains rougher than sandpaper.

The Engineers went 1-4 last week, a stretch that included three NEWMAC losses to drop them to fifth place in the seven-team conference.

After an upset victory over NEWMAC leader Wheaton last Saturday, MIT traveled to Tufts University for an April 9 contest against the local rival Jumbos.

Powered by a 10-hit attack, the Jumbos sent MIT to their sixth consecutive non-conference loss, 11-1. Righty Austin S. Morris '03 pitched seven strong innings, but Tech committed three crucial defensive errors from which they could not bounce back. In addition, pitcher Mike Newsom dominated for Tufts (8-8-1), holding MIT to five hits in nine innings of work.

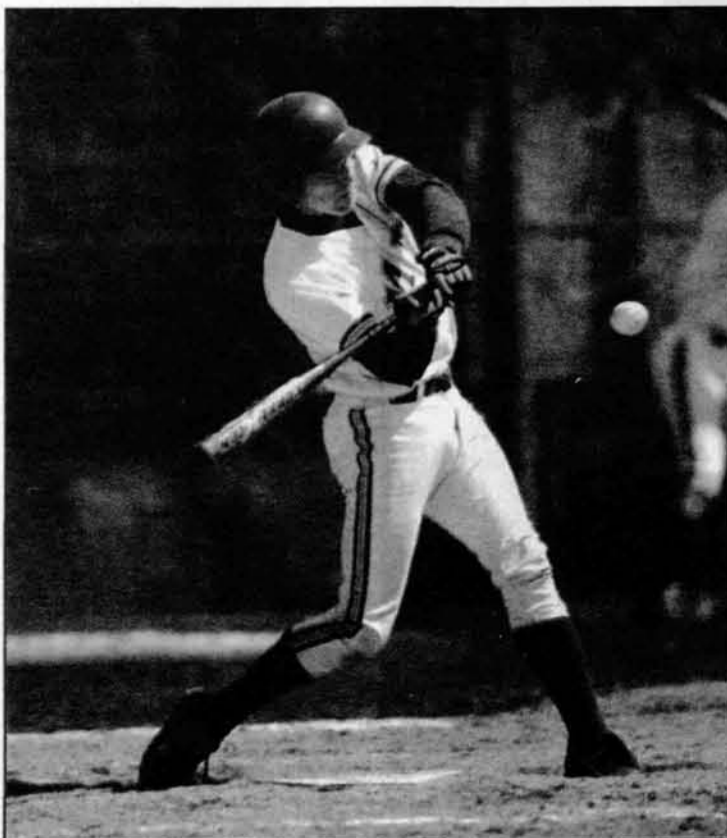
Not enough offense at Babson

The T's returned to NEWMAC play the following day by hosting third-place Babson College. Offensive fireworks were displayed by both teams, but the Babson Beavers pulled out the victory over the Engineers in the slugfest by a score of 17-8. The two teams combined for a total of 31 hits, 14 of

them coming from the MIT squad. Three-hit games were notched by Douglas L. Allaire '04, Alvan Eric P. Loreto '01, and John J. Kogel '03, while Patrick G. Lo '04 and David J. Ostlund '04 picked up two hits apiece. However, the Engineers were doomed by Babson's monster sixth inning, in which they sent 12 men to the plate and scored seven runs. This timely display of offense by Babson (11-5, 3-2 NEWMAC) gave them their seventh consecutive victory and ensured the first loss of the season for MIT lefty Allaire, raising his ERA to 2.74.

MIT continued its conference swing with a visit to WPI on Thursday, and this time they found themselves on the winning end of a slugfest. In WPI's hitter-friendly park the T's exploded for 18 hits to cruise to a 17-7 victory. Leading the way were Ostlund (3 for 5, HR, 3 RBI), Loreto (3 for 5, HR, 2 RBI), Lo (3 for 4, 2B, 4 RBI), and Edward I. Duggan '04 (3 for 4, 3 runs scored, RBI). Tech pitcher Jeffrey J.

Baseball, Page 26



AARON D. MIHALIK—THE TECH

Shortstop Johnathan I. Reznik '04 takes a cut during the first game of a doubleheader on Saturday. MIT dropped both games to Springfield College, 8-1 and 9-8.

Baseball					Friday, April 23				
MIT at WPI									
MIT Engineers					17				
WPI Engineers					7				
MIT	AB	R	H	BB	WPI	AB	R	H	BB
Ostlund RF	6	3	3	3	Duffy CF	4	1	1	1
Loreto CF	5	3	3	2	Thibault LF	5	1	2	1
Lo LF	4	2	3	4	Sorrells C	4	0	1	1
Rapp C	5	1	1	2	Birmingham 2B	2	1	1	0
Reznik SS	5	1	2	1	Berry P/DH	4	0	0	0
Willing P	6	1	1	1	Feldman P/DH	1	0	0	0
Cox 2B	4	1	0	0	Bourgeois 1B	4	1	1	0
Duggan 3B	4	3	3	1	Coachman PH	1	0	0	0
Wicker 1B	5	2	2	2	Harrington 2B	5	2	2	0
					LaPointe RF	4	0	1	0
					Andrew PH	1	0	0	0
					Ehret SS	2	1	1	0
					Bolton PH	1	0	0	0
					Clark P	0	0	0	0
Totals	44	27	35	16		36	7	11	3
E. Reznik, Wicker, Sorrells. DP: MIT 1, WPI 1. LHR: MIT 1, WPI 1. 2B: Lo, Willing, Wicker, Duffy, Thibault, Birmingham, Bourgeois. 3B: Cox. SS: Reznik (4th inning, 1 on, 2 out), Loreto (8th inning, sole, 2 out). SP: Lo, Willing, Thibault, Harrington.									
MIT	DP	R	H	ER	BB	SA			
Willing (W, 2-2)	9	11	7	6	5	5			
WPI	DP	R	H	ER	BB	SA			
Berry (L, 1-2)	2	0	1	7	0	0			
Feldman 4-2-3	6	10	6	5	4				
Clark	2	0	1	0	0	0			
WP: Willing 2, Feldman.									
PB: None.									
IDP: by Willing 2 (Harrington 2).									
Remarks: MIT 4-1 (3-3), WPI 9-2 (5-5).									